

# Catalysts of Innovation in Construction Chemicals





## MYK Arment Introduction

At MYK Arment we set Standards of Excellence & Trust in the Global Construction Chemical Industry. The cornerstone of our business is formulated around the belief that the industry expects much more than just the product / service offered. Hence, our products services are engineered to:

- Provide improved material performance
- Demonstrate greater reliability & durability
- Be cost-effective & optimal
- Contribute to the environmental sustainability efforts.

We constantly strive to raise the bar on the above parameters through innovation on our product & service offerings by working closely with our customers to identify what they need most-whether it's innovative product development, greater efficiency or application expertise. Together with the customer, we want to make sure that every interaction is a step in our journey towards excellence.

Our service is backed by our strong relationships with architects, contractors, specifiers, building materials suppliers and concrete producers who offer high quality products and industry leading technical support.

Our Product range includes admixtures, grouts & anchors, repair mortars, bonding agents, adhesives, flooring coatings, curing and sealing compounds, dry shake hardeners, joint fillers, sealants, densifiers, waterproofing, repair and other products.

Our unique brand names also exemplify the product category:

- |                                  |            |
|----------------------------------|------------|
| • Waterproofing Systems          | - AquaArm  |
| • Flooring & Coatings            | - FloArm   |
| • Repair & Restoration           | - ReArm    |
| • Grouts & Anchors               | - ArmGrout |
| • Buildings & Joint Sealants     | - SealArm  |
| • Admixtures & Surface Treatment | - Armix    |
| • Grinding Aids                  | - ArmAid   |

These products are produced in Hyderabad, Bhiwandi, Kolkata and Vapi. The MYK Arment products leverage cutting edge technology of Schomburg, Germany.

**What we have on offer is a unique blend of “German Technology” & Expertise to serve Indian & Global Market.**



# MYK Arment Range of Products





# INDEX



## WATERPROOFING SYSTEMS

Page - 02 to 10

AquaArm IC  
AquaArm C-35  
AquaArm IM  
AquaArm Admix  
AquaArm 1K  
AquaArm 2C  
AquaArm UM  
AquaArm TG  
AquaArm Tufcrete  
AquaArm Saniflex  
AquaArm WPU 1K  
AquaArm WPU 1K-E  
AquaArm SPU  
AquaArm Gepotech H  
AquaArm Super Coat  
AquaArm Ultra Coat



## MEMBRANE

Page - 11 to 16

AquaArm Power Prufe 800  
AquaArm Raftbond  
AquaArm Tarmat-P  
AquaArm SBS 3000X  
AquaArm EPDM  
AquaArm TPO  
AquaArm PVC  
AquaArm Drainboard  
AquaArm Draincell  
AquaArm Protect D



## FLOORING & COATINGS

Page - 17 to 44

FloArm Primer EP  
FloArm Primer EPW 44  
FloArm Primer BA - P  
FloArm Primer 1240

FloArm Primer 1260  
FloArm Primer 1270  
FloArm Primer 1280  
FloArm Primer 1290  
FloArm Primer PU  
FloArm Soloplan-30M  
FloArm EZ-6  
FloArm CE 103  
FloArm ES  
FloArm ESF 4-ME  
FloArm Cempo 2 / Cempo4 / Cempo 10  
FloArm ESF 1 / ESF 2 / ESF 4  
FloArm Screed Eco  
FloArm Screed Flexi  
FloArm Screed Ultra  
FloArm Top HPU 4 Plus  
FloArm Top HPU 6  
FloArm Top HPU AS  
FloArm SL Conductive Plus /  
Conductive / Dissipative  
FloArm SL Di-Electric  
FloArm Coat PUD (Matt & Glossy)  
FloArm Coat ARC Floor  
FloArm Coat ARC Wall  
FloArm Coat EC  
FloArm Coat EC-S  
FloArm Coat PU1K  
FloArm Coat ECW  
FloArm Coat EFG  
FloArm Coat ZP  
FloArm Coat 316  
FloArm DeckCoat EC  
FloArm DeckCoat PUV  
FloArm DeckCoat M  
FloArm DeckCoat PU-1  
FloArm DeckCoat PU-2  
FloArm DeckCoat EPU  
FloArm Top SL1-ST  
FloArm Top SL2  
FloArm Top SL500 / SL501 / SL502  
FloArm Top EPU 1 / EPU 2  
FloArm Top PUC  
FloArm Hard Q  
FloArm Hard L  
FloArm Hard EM  
FloArm Seal APB

FloArm Seal 23  
FloArm Seal 35  
FloArm Tool Clean  
FloArm ERM



## **REPAIR & RESTORATION**

**Page - 45 to 54**

---

ReArm Crete MC  
ReArm Crete RM  
ReArm Crete RMHS  
ReArm CMS 2K  
ReArm Coat CT  
ReArm Coat EP  
ReArm Coat WS  
ReArm Coat W2S  
ReArm Coat Anticarb  
ReArm Bond AR 43  
ReArm Bond EBA  
ReArm Fix 10S  
ReArm SBR 45  
ReArm SS CFRP  
ReArm SS Laminate  
ReArm TBA  
ReArm Fair Finish



## **GROUTS & ANCHORS**

**Page - 55 to 64**

---

ArmGrout M-40  
ArmGrout M-50  
ArmGrout M-65  
ArmGrout M 65E  
ArmGrout M-80 HES  
ArmGrout Additive  
ArmGrout HR  
ArmGrout EP-78  
ArmGrout EP-76 LE  
ArmGrout EP-100  
ArmGrout EPU W-RG

ArmGrout EPBG  
ArmGrout Inject EP  
ArmGrout Inject EP-LV  
ArmGrout Inject PU1  
ArmGrout HF 66  
ArmGrout HF 66V



## **BUILDINGS & JOINT SEALANTS**

**Page - 65 to 70**

---

SealArm EMS  
SealArm PS -G  
SealArm PS -P  
SealArm PU  
SealArm Tape FB 300 - M  
SealArm Tape 2000S  
SealArm Tape TPE  
SealArm Waterbar RS 800



## **ADMIXTURES AND SURFACE TREATMENT**

**Page - 71 to 80**

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Armix ElleCrete P 101  
Armix EmmeCrete SP 111  
Armix HyyeCrete SP 200  
Armix ElleCrete PC 5  
Armix EmmeCrete PC 10  
Armix HyyeCrete PC 20  
Armix HyyeCrete PC 30  
Armix SMF 123  
Armix AC  
Armix Retard  
Armix ACL  
Armix AFA  
Armix Form FR1/ FR 2/ FR 9  
Armix Cure PB  
Armix Cure WB  
Armix Cure RB  
Armix VMA  
Armix Pump AID-P





# Waterproofing Systems





# AquaArm IC

## Crystalline Waterproofing Coating

### Description:

AquaArm IC is an unique single-component, penetrative crystalline waterproofing system, which reacts to form crystals. The waterproofing properties stay intact, even if the coating is partially removed or small hairline cracks develop after the application.

### Advantages:

- Easy to apply coating
- Ideal for potable water (no degradable organic ingredients)
- Low consumption / economical
- Fast setting and hardening
- Self healing (cracks up to 0.4 mm 1/64")
- Waterproofing properties stay intact, even if the coating gets damaged
- Minimal discoloration.

### Areas of Application:

AquaArm IC may be used on all new or old structurally sound concrete surfaces. It is also suitable for concrete masonry or as a dry shake on fresh concrete slabs.

- Elevator pits
- Waste water treatment plants
- Potable water tanks
- Below grade waterproofing
- Manholes

### Coverage / Consumption:

1 - 1.5kg per spray in 2 coats

### Packaging:

25 Kg

### Shelf Life :

Refer TDS



# AquaArm C-35

## Powder Crystalline waterproofing concrete admixture

### Description:

AquaArm C-35 is a specially formulated concrete admixture in powder form based on crystalline technology to produce permanently active waterproof concrete

### Advantages:

- Permanently active; will self heal future static cracks up to 400 microns.
- Improved final strength.
- Provides additional protection to reinforcement steel by reducing chloride ion diffusion.
- Can be used in high w/c ratio (up to 0.55) concrete.
- Withstands high water pressure (up to 14 bars) both positive and negative.
- Compatible with most types of concrete admixtures.
- Eliminates need for surface waterproofing.

### Areas of Application:

- Precast structures
- Foundations
- Concrete slabs
- Dams
- Parking structures
- Water tanks & wastewater treatment plants
- Shotcrete
- Mass Concrete

### Coverage / Consumption:

0.8 - 1.5% by weight of cement

### Packaging:

25 Kg & 5 Kg

### Shelf Life :

Refer TDS

\* Confirms ACI 212-3R PRAH category

\* Confirms to BS 8102:2009, IS 16471:2017 Type B Waterproofing.

NOTE: Limitations of fly ash content, refer TDS.

# AquaArm IM

## Crystalline Based Repair And Sealing Mortar For Concrete

### Description:

AquaArm IM is a repair and sealing mortar for concrete repairs. Can be applied for thickness of 3 – 12mm in single go. Can also be applied on damp surfaces.

### Technical Data:

- Basis: sand/cement, inorganic
- Colour: Grey
- Loose density: 1.3 kg/dm<sup>3</sup>
- Water demand: 3.75 – 4.25 litres per 25 kg bag
- Mixing time: 3 minutes (drill mixer at 300 – 700 rpm)
- Pot life: approx. 30 minutes (+23OC / 60% RH)
- Strength: approx. 35 N/mm<sup>2</sup> (28 days)

### Areas of Application:

- AquaArm IM is used for watertight filling of opened-up cracks and cavities that are to be covered subsequently with AquaArm-IC. Alternatively AquaArm IM can also be used to form coved fillets.

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS



# AquaArm Admix

## Liquid crystalline admixture for waterproof concrete

### Description:

AquaArm Admix is the world's first liquid crystalline waterproofing concrete admixture, AquaArm Admix is our latest development, based on same technology, provides the added advantage of plasticising / water reduction properties apart from waterproofing the concrete.

AquaArm Admix complies with ACI 212-3R PRAH category. We recommend the use of AquaArm Admix in a range of new concrete projects.

### Advantages:

- Easy to use
- Extremely cost effective
- Significantly reduces labour and time costs
- Self healing of static cracks up to 1/64" – 0.4 mm
- Increases concrete strength and freeze/thaw resistance
- Negligible air entrainment
- Compatible with most plasticizers and water reducers
- Forms a permanent and integral part of the concrete matrix
- No need for additional waterproof coatings
- Environmentally safe; Zero VOC
- Treated concrete withstands high hydrostatic pressures

\* Conforms to BS 8102:2009, IS 16471:2017 Type B Waterproofing.

The picture below illustrates the basic behavior of AquaArm Admix within the concrete.



Without AquaArm Admix untreated concrete is a porous system, prone to water infiltration.

The following photo illustrates the crack-sealing capabilities of AquaArm Admix.



Example of a naturally occurring shrinkage crack in red pigmented concrete. (Magnified approx. 32 X)

### Areas of Application:

- Precast structures
- Foundations
- Concrete slabs
- Dams
- Parking structures
- Water tanks & wastewater
- Shotcrete
- Mass concrete

### Coverage / Consumption:

2-3% by weight of cement

### Packaging:

20 Kg & 200 Kg drums

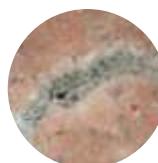
### Shelf Life :

Refer TDS

NOTE: Recommend to do a trial at site or batching plant / RMC prior to usage.



Magnified picture (10,000 X) of AquaArm Admix nanocrystals



Shrinkage typically produces static hairline cracks. With static cracks up to 1/64"-0.4 mm, AquaArm Admix will produce nanocrystals in the crack, sealing it and preventing further flow of water.

# AquaArm 1K



## Cement Based Rigid Hardening Waterproof Coating.

### Description:

AquaArm 1K is a single component system made of Quartz sand, Portland cement and additives. The material when applied hardens to a rigid impervious layer. The product needs to be mixed with water at the site and applied the same on to the surface.

### Advantages:

- Easily applicable
- Chloride free
- Excellent adhesion
- Can be used for negative and positive waterproofing

### Uses

Waterproofing on concrete, masonry and plaster for interior and exterior use in the following areas of application: Sub structures, Sewage works, Water tanks, Swimming pools, etc.,

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS

# AquaArm 2C



## 2-component Elastomeric, Acrylic Polymer Modified Cementitious Waterproof Coating

### Description:

AquaArm 2C is a state of the art, highly flexible, acrylic polymer modified cementitious waterproof coating, ideal for sealing and coating various areas of applications.

### Advantages:

- Can be easily applied
- Solvent free – environment friendly
- Root resistant coating
- UV stable
- Applied to moist or damp substrates
- Permanently flexible coating, tensile elongation up to 80%
- Crack bridging up to 2 mm
- Resists strong hydrostatic pressure (tested up to 70 m water head, positive side), according to Standard DIN 1048. Withstands pedestrian and light traffic; resists mechanical wear, abrasion and de-icing salts
- Potable water approval according to DVGW W347
- Available in 6 different colors and which can be top-coated, providing designer and applicators with limitless possibilities for finished applications

### Areas of Application:

AquaArm 2C is applied on new and old substrates to provide a protective, water proof coating. It is a stand alone product that can be left as a finished surface or easily coated with mortars, stuccos, etc.

### Typical applications include:

- Basements, Retaining walls
- Podium Slabs, Terraces
- Swimming pools (tiled and untiled)
- Marine and zoo aquarium tanks
- Plaza decks and patios
- Water and Waste water treatment tanks
- Balconies, parapet walls, planter boxes
- Underneath tile mortars in kitchens, bathrooms, etc.

### Coverage / Consumption:

Refer TDS

### Packaging:

35 Kg composite pack

### Shelf Life :

Refer TDS



# AquaArm UM

## 2-component Flexible Elastomeric, Cement Slurry Based Waterproof Coating

### Description:

AquaArm UM is a cementitious, polymer dispersion based highly flexible waterproof coating. This product is two-component and resistant to water, moisture and abrasion. Its liquid mixing component is solvent free. AquaArm UM is a stand-alone product. It should be overcoated with flexible or rigid mortars, stuccos or coatings for uniform appearance. It bridges shrinkage cracks.

### Advantages:

- Seamless and jointless flexible waterproofing
- Can be applied by brush, or sprayed with suitable device
- Bonds to moist surfaces without prime coat
- Diffusion open & high crack-bridging
- Water impermeable upto 5 bar, resistant against waters which act strongly and aggressively towards concrete in accordance

### Areas of Application:

- Horizontal, Vertical or overhead applications
- Exterior (positive side) or interior (negative side) waterproofing of new or old below grade foundations
- Balconies, plaza decks, in combination with a UV protection
- Underneath tile mortars (showers, sanitary rooms, kitchens, pools etc.)
- Water, wastewater, sea water and marine aquarium tanks and other reinforced concrete structures

**Coverage / Consumption:** Refer TDS

**Packaging:** 33.33 Kg

**Shelf Life :** Refer TDS

# AquaArm TG

## Two Component Cementitious Waterproof Coating

### Description:

AquaArm TG is a economic two-component waterproofing coating resistant to water, moisture and abrasion. It is a cementitious, polymer dispersion based flexible protective coating and waterproof barrier.

### Advantages:

- Breathable
- Self Curing
- Flexible

### Areas of Application:

- Balconies, Chajjas
- Toilet / Bathrooms
- Roof & Terraces

**Coverage / Consumption:** Refer TDS

**Packaging:** 40 Kg

**Shelf Life :** Refer TDS

# AquaArm Tufcrete

## Single component Acrylic based Waterproofer & bonding agent

### Description:

AquaArm Tufcrete is acrylic emulsion based, used as a cement modifier when applied, provides good bond with masonry/ cement and thus improves the tensile and flexural strength properties of the mortar

### Advantages:

- Adhesion strength to the base concrete surface is distinctly improved
- The tensile and flexural strength increases in comparison to the reference mix mortar
- Excellent bond to stone work plaster Compatible with all common hydraulic cements
- Economical to use

### Areas of Application:

- As waterproofing for small terraces
- Toilets, chajja, masonry surfaces, etc.
- As a bonding agent for old and new concrete /mortar
- Can be recommended as an additive for making repair mortars / concretes

**Packaging:**

20 Ltr, 50 Ltr, 100 Ltr & 200 Ltr

**Shelf Life :**

Refer TDS

# AquaArm Saniflex

## Single Component Elastomeric Waterproof Coating For Wet Areas

### Description:

AquaArm Saniflex is a ready to use, synthetic rubber based product which dries up to form a seamless elastomeric waterproofing membrane.

### Advantages:

- Solvent free
- Elastomeric
- High crack bridging
- Ready to use, can be applied by brush, trowel or roller
- Fast curing, faster project completion
- Approved according to German and European standards

### Areas of Application:

- For seamless waterproofing of toilet, balcony & other wet areas.

Note: Use AquaArm Uniprimer GE on application before applying AquaArm Saniflex

### Coverage / Consumption:

1.2kg per spray in 2 coats

### Packaging:

5Kg & 25 Kg

### Shelf Life :

Refer TDS



# AquaArm WPU 1K

## Single Component Polyurethane Based Waterproof Coating

### Description:

AquaArm WPU 1K is a single-component, water based, liquid applied, elastomeric polyurethane coating for waterproofing concrete surfaces. AquaArm WPU 1K provides excellent resistance to moisture, water, and salts penetration into concrete and masonry surfaces.

### Advantages:

- Liquid application, forms a seamless coating after drying
- Non-toxic
- Flexible with high crack bridging ability
- High bond strength to a variety of substrates and building materials
- Resists positive pressure
- Excellent chemical resistance
- Available in brush applied and spray version
- Excellent resistance to humidity and temperature
- Excellent resistance to Chlorides and Alkalies
- Good impact resistance and tensile strength

### Areas of Application:

AquaArm WPU 1K is suitable for waterproofing of podium terraces, swimming pool.

### Coverage / Consumption:

Refer TDS

### Colours Available:

White

### Packaging:

12 Kg & 24 Kg

### Shelf Life :

Refer TDS



# AquaArm WPU 1K-E

## Single Component Polyurethane based Waterproof coating

### Description:

AquaArm WPU 1K-E is a single-component, liquid applied, elastomeric polyurethane coating for waterproofing concrete surfaces. AquaArm WPU 1K-E provides excellent resistance to moisture, water, and salts penetration into concrete and masonry surfaces.

### Advantages:

- Liquid applied single component ready to use
- Non-toxic. Environmentally friendly product
- Provides a seamless coating
- Flexible & Crack bridging
- High bond strength to a variety of substrates and building materials
- Withstand water pressure up to 5 bars (+ve side)
- Good chemical resistance
- Easy to apply with roller or brush
- Excellent resistance to humidity and temperature.
- Excellent resistance to Chlorides and Alkalies
- Good impact resistance and tensile strength

### Areas of Application:

AquaArm WPU 1K-E is used to protect and waterproof concrete and other masonry surfaces. AquaArm WPU 1KE has the ability to uniformly and completely cover the surface, forming a continuous membrane that prevents water leakage and penetration of moisture into the concrete surface. AquaArm WPU 1K-E is ideal for waterproofing of retaining walls, facades, balconies, terraces, roofs & wet areas.

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS

# AquaArm SPU

## Single component moisture cured Polyurethane Waterproof coating

### Description:

AquaArm SPU is single component moisture cured, modified Polyurethane Elastomeric liquid water proofing membrane. It forms seamless monolithic membrane that adheres well to most of the common substrates in construction e.g. Concrete, Cement blocks, existing roof felts etc.

### Advantages:

- It conforms to ASTM C-836 and ASTM C-898
- Highly elastomeric to accommodate expansion and contraction
- Excellent UV-resistance and long term aging stability
- Cured membranes can sustain properties even at high temperatures, suitable for all climates.
- Easy to use and environment friendly
- No TAR and resistance to oxidation

### Areas of Application:

- Podium, Terrace, Balconies, Facades & Planters
- Retaining wall
- Concrete tanks, Swimming pools, Fountains
- Sea walls, dams and reservoirs

### Coverage / Consumption:

Refer TDS

### Packaging:

24 Kg

### Shelf Life :

Refer TDS



## Polyurea Based Heavy Duty Spray Waterproof Coating

### Description:

AquaArm Gepotech H is a two component spray applied to a fast setting, coating based out of modified polyurethane / Hybrid Polyurea to achieve an elastic, high crack bridging waterproof coating with long life expectancy.

### Advantages:

AquaArm Gepotech H is a high quality, two components reaction resin based on polyurea with the following properties:

- Solvent free and 100% solid
- Extremely rapid setting
- High impact and abrasion resistance
- High chemical resistance
- Resistant to weathering
- Suitable for use in water pollution control systems
- Good Crack-bridging
- Protects against corrosion
- Impermeable to liquids
- High temperature resistance (temporarily up to +200° C)
- Exceptional bond to reinforced concrete, steel

### Areas of Application:

AquaArm Gepotech H is applied to protect and waterproof concrete structure like terrace, podium as a concealed system. In case of exposure to UV & weathering, it needs to be protected with UV stable Polyurethane coating FloArm Coat PUD. It can be used in landscaped areas to protect the structure from root penetration such as :

- Bund walls • JGS plants • Processing vessels
- Storage tanks • Reservoirs • Podium/ Terrace
- Pipe coating • Sewerage

### Coverage / Consumption:

Refer TDS

### Packaging:

400 Kg Package

### Shelf Life :

Refer TDS

NOTE: Please consult technical cell for selection of right product.



Note: MYK Arment offers 3 variants for challenging applications.

1. Pure 2. H (Hot applied, Spray) 3. Cold Applied (Brush, Roller)



# AquaArm Super Coat

## Water Based Acrylic Coloured Waterproof Coating

### Description:

AquaArm Super Coat is single component water based acrylic waterproof coating. It can be applied to most structural surfaces to make them waterproof. The coating is UV stable and highly reflective with high flexibility

### Advantages:

- UV Stable hence can be used for external application, Seamless application
- Applied directly from the container
- Single component and easily brush applied
- Breathable, cures to give a permanently flexible and resilient surface resistance to a wide range of temperatures
- Can be used on wet surfaces and during rainy season
- Mechanical damages to the membrane can easily be repaired by spot application

### Areas of Application:

- Roof / chajjas
- Parapet walls / External walls.
- Asbestos cement sheets roofs can also be waterproofed using scrim cloth or SealArm Joint Tape at the junctions overlaps and J - bolts as reinforcement.
- As a damp proof course applied under the first layer of bricks or blocks in masonry works.

### Packaging:

13Kg & 25 Kg

### Shelf Life :

Refer TDS

# AquaArm Ultra Coat

## High thermal Reflectance & Emittance coating

### Description:

AquaArm Ultra Coat is a single component, Water based, High thermal reflectance & emittance coating. It has the ability to reflect the visible, infrared and ultraviolet wavelengths of the sun. there by reducing heat transfer to the building / structure, which significantly lowers the surface temperature of your roofs and structural exteriors. It is a thermal reflective and emittance coating for building and structures, It conforms to ASTM E 1980. It has high solar reflective index of 105.

### Areas of Application:

- Industrial Sheds and Godowns
- Concrete & Metal Storage Tanks
- Cold Storage & Warehouses

### Advantages:

- Single component
- Ready to use
- Non toxic, High emissivity
- Green building compliant
- Washable

### Coverage / Consumption:

Refer TDS

### Packaging:

Available in 20 Kg

### Shelf Life :

Refer TDS

## NOTES



# Membranes



# AquaArm Power Prufe 800

## Description:

AquaArm Power Prufe 800 is Specially designed for below grade waterproofing, develops seamless bonding to poured concrete and so effectively inhibits water migration.

As unique composite sheet, which is composed of one thick HDPE backing layer, an aggressive pressure sensitive adhesive and trafficable weather resistant protective granular coating, the unique membrane realizes firm bonding to poured concrete, so that prevents water ingress or migration.

## Advantages:

1. **Pre-applied:** Forms continuous and reliable physical bond to the poured concrete against it, which prevents water migration and reduces possibility of being affected by below-grade structure settlement.
2. Loosely-laid onto slabs: requiring no priming or fillets.
3. Trafficable weather resistant adhesive side: Can receive pedestrian or traffic immediately after application and makes it convenient for subsequent placing of reinforcement. Site contamination is easily removed.
4. **Superior physical & chemical property:** Shock and puncture resistance, can withstand heavy duty loading, protect its structure from salts and sulphate attack.
5. **No butt joints:** All joints have bonded "seldge for accurate and easy overlap, to increase leak protection Installation.
6. \*Confirms to BS 8102:2009, IS 16471:2017 Type A.

## Areas of Application:

Applied either horizontally to smoothly prepared concrete substrate & compacted earth or crushed stone substrate or vertically to permanent formwork. Concrete is then cast directly against the adhesive side of the membrane.

- Waterproofing to basements of industrial and civil engineering
- Pre-applied waterproofing system for walls, tunnels and subways
- The membrane is not suited to roofs or other internal wet area

## Coverage / Consumption:

Refer TDS

## Packaging:

Roll length: 20m. Roll Width: 1m

## Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers AquaArm Power Prufe 900 / AquaArm Power Prufe 1200



# AquaArm Raftbond

## Description:

AquaArm Raftbond is a 3 layer, pre-applied HDPE Membrane, composed of one thick HDPE backing layer, an aggressive pressure-sensitive adhesive and trafficable weather-resistant protective smooth coating. AquaArm Raftbond provides a firm bonding to poured concrete, which prevents water ingress or migration.

Conforms to basement grades 2, 3 & 4 to BS 8102:2009 (Type A).

Conforms to basement grades 2, 3 & 4 to IS 16471: 2017 (Type A). Complies BRE 211 guideline.

## Advantages:

- Weather & UV resistance up to 56 days
- Superior resistance to water migration
- Excellent bond strength
- Superior adaptability
- Superior crack protection
- Superior adaptability to settlement and distortion
- Acts as a barrier against toxic contaminants, such as methane and radon gas
- Eco-friendly
- Trafficable, weather resistant adhesive

## Areas of Application:

Below grade waterproofing of Raft/Footings/Grade slabs, Diaphragm Wall / Blind site construction

## Coverage / Consumption:

Refer TDS

## Packaging:

Refer TDS

## Shelf Life :

Refer TDS

# AquaArm Tarmat-P

## APP modified polyester reinforced bituminous waterproofing membrane

## Description:

AquaArm Tarmat-P is a uniquely formulated, pre-fabricated, plastomeric waterproofing membranes that are developed by modifying bitumen with APP polymer and homogenous thermoplastic bituminous blend of distilled asphalt, which gives the membrane its excellent properties of resistance to ageing, facilitates the ease of application and adhesion and accommodates structural movements.

## Advantages:

- Chemical Resistant
- High Durability pre and post installation
- Impermeable to water or liquid substance
- Trafficable

## Areas of Application:

- Foundation / Basement under slab application
- Roofs/Terraces
- Water ponds
- Pile-cap and beam
- Open-Cut Tunnels

## Coverage / Consumption:

Refer TDS

## Packaging:

Roll size: 1m x 10m"

Thickness: 2mm / 3mm / 4mm

## Shelf Life :

Refer TDS

# AquaArm SBS 3000X

## Description:

AquaArm SBS 3000X is high performance, cold applied, flexible and a preformed membrane with cross-laminated HDPE film which has a high chemical and puncture-resistant. Properly a selvage is provided on one side of the membrane to give a bitumen to bitumen contact on overlaps, thus restricting any water penetration through the lap joints.

Confirms type 2,3, & 4 grade for basement as per BS 8102: 2009 Type A waterproofing Product

Confirms IS 16471: 2017, Type A waterproofing Product, Complies BRE 211 guideline

## Advantages:

- Very good vapour & water barrier
- Cold applied, easy to apply by peeling off the release liner
- Excellent adhesion to a primed concrete surface
- Good puncture & tear resistance
- Excellent resistance to acids, alkalies, sulphates & chlorides in soil
- High cold flexibility upto -15°C
- High tensile strength

- Protect the structure from hazardous gases like radon, methane, etc.
- Completely watertight
- Highly resistant to chemicals
- Reliable and economical
- Self-sealing ability

## Areas of Application:

- Retaining walls
- Below grade application
- Podium waterproofing
- Terrace gardens waterproofing

## Coverage / Consumption:

Refer TDS

## Packaging:

Refer TDS

## Shelf Life :

Refer TDS

Note: Please use AquaArm TarPrimer for installation of AquaArm SBS 3000X

For Challenging application, MYK Arment offers AquaArm SBS 3000X GR

# AquaArm EPDM

## Ethylene Propylene Diene Monomer Rubber Waterproof Roof and Lining Membrane

## Description:

AquaArm EPDM is Synthetic Rubber based prefabricated membrane, the most ideal and durable solution specially designed to protect any reinforced concrete structure above or below ground level. It is an ideal solution for low slope buildings. It is used for waterproofing and lining of ceilings and underground concrete structures. It's two primary ingredients, ethylene and propylene, are derived from oil and natural gas. Primarily these sheets are resistant to water, ozone, UV and weathering.

## Uses

- Large commercial roofs of concrete, wood, asbestos and metal sheets
- Terrace Gardens
- Basements, Foundations and Podium slab coverings
- Lakes, ponds, reservoirs, canal and tunnel linings
- Swimming pools and fish pond liners
- Rooftops of storage silos

## Advantages:

- Durable and very long lasting solution
- Less prone to damage due to high compressive strength
- Excellent resistance to UV, Ozone and resistance to biodegradation
- Service temperature range: -20 °C to 120 °C
- Laid quickly and easily with negligible maintenance
- Eco Friendly and Environmentally safe

## Coverage / Consumption:

Refer TDS

## Packaging:

6 \* 30 mtr roll & 1.2 \* 30 mtr roll

## Shelf Life :

Refer TDS

# AquaArm TPO

## Loose laid reinforced Thermoplastic Polyolefin waterproof membrane

### Description:

TPO/FPA (Flexible Polypropylene Alloy) reinforced membrane produced by extrusion of granules resulting from the incorporation of ethylene propylene rubber into a polypropylene matrix together with other additives as appropriate to the type of membrane

The membrane is manufactured in two different colours; grey & white. This helps to identify any damages that may occur during application.

### Uses

- Provides a continuously loose laid waterproof membrane system for building and civil engineering structures
- Podiums, parking decks, flat roofs and garden roofs waterproofing
- Basement waterproofing
- Lining of ponds, canals, reservoirs and landfills

### Advantages:

- Environment friendly, no VOC, no plasticisers, nontoxic
- Cold applied and heat welded
- Reinforced grade to achieve aesthetically pleasing finish
- High resistance to weathering and UV
- Fast application
- Welded joints for maximum water tightness
- No separate layers required on to EPS
- Excellent long term performance

**Coverage / Consumption:** Refer TDS

### Packaging:

AquaArm TPO: 25m long x 2.10 m wide rolls (1.2mm & 1.5mm)  
AquaArm TPO Adhesive: 20kg pail  
(Coverage: approx 0.4-0.6kg/m<sup>2</sup>)

**Shelf Life :** Refer TDS

# AquaArm PVC

## Lose laid PVC waterproofing membrane

### Description:

AquaArm PVC is a flexible, synthetic waterproofing membrane which acts as a fluid barrier system in structures. It is particularly suited for applications like waterproofing of tunnels and basements. It overlaps or heat welded to ensure water tightness.

### Uses

Provides a continuously loose laid waterproof membrane system for building and civil engineering structures and is particularly suited to.

- Basement waterproofing
- Tunnel waterproofing
- Reservoirs, lake and canal waterproofing

### Advantages:

- Good resistance to puncturing
- Resistance to root penetration
- Fast application
- Welded joints for maximum water tightness

### Packaging:

AquaArm PVC:  
In roll (20mX2.1m)

### Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers AquaArm PVC-UV

# AquaArm Drainboard

### Description:

AquaArm Drainboard is an efficient, filtered sub-soil drainage system for drainage of all in-ground structures. It comprises a highly compression resistant and flexible studded structural plastic core bonded to heavy-duty, non-woven polypropylene filter fabric.

### Uses

AquaArm Drainboard is a light-weight drainage layer with high flow capacity. It guides redundant water swiftly to the drain. It is specifically designed for use with all waterproofing membrane systems as well as any torch-applied waterproofing membranes. It provides uninterrupted, permanent high flow drainage from lift pits, basement retaining walls, bridge abutments, planter box walls and floors. AquaArm Drainboard is used to collect and control water under landscaped podium decks, terraces or roofs.

### Advantages:

- Fast installation • Lightweight • High water flow capacity
- High compressive strength • Flexible
- Pre-manufactured drain and filter in one component
- Simple joints • No on-site fabrication
- No aggregates required • Non-toxic to plant root systems

### Packaging:

Roll length: 12.5m. Roll Width: 2m

### Shelf Life :

Refer TDS



# AquaArm Draincell

## Description:

AquaArm Draincell drainage cell provides a permanent, structural and non-clogging void between the building structure and the soil profile that will not collapse or distort. The 20 mm & 30 mm void enables a direct flow of water to designated outlets resulting in superior drainage efficiency compared to conventional systems.

## Advantages:

- Trafficable
- High flow rate
- Long Life Expectancy
- Easy to handle
- Quick to install
- Chemical and bacteria resistant
- Environmentally friendly

## Areas of Application:

AquaArm Draincell drainage cell is the most effective and efficient drainage solution for planter boxes, roof gardens, podium landscaped areas and most horizontal drainage applications. It features high compressive strength and is lightweight reducing weight on the underlying structure by 98% compared to gravel. In addition, there is 5:1 reduction in the drainage medium height enabling greater scope for soil depth and plantings.

The drainage cell in combination with a geotextile fabric acts as the protection layer for the underlying waterproof membrane and provides ventilation for concrete slabs. The geotextile fabric is placed over the drainage cell and combined with a layer of washed river sand, filters the water eliminating staining caused by gravel, stone and soil.

## Packaging:

AquaArm Draincell drainage cell is supplied in easy to handle 1.345 Sqft panels

# AquaArm Protect - D

## HDPE dimple protection board for Waterproofing

## Description:

AquaArm Protect-D is a protection board for waterproofing coatings and membranes, manufactured with high density polyethylene (HDPE). AquaArm Protect-D provides a drainage path for water and thereby reduce water table pressure. Its resistance to plant root helps protecting the waterproofing coatings, the separation from earth and also helps in avoiding dampness and humidity.

## Advantages:

- Fast Installation and light weight.
- High Compressive strength and water flow capacity
- No On-site fabrication or aggregates required
- Non-Toxic to plant root systems
- Protects waterproofing coating from mechanical abrasion
- Protects against chemical residue in water and soils

## Areas of Application:

- Retaining walls, Podium and Terrace garden
- Underground works, dams and tunnels
- Used in the construction of foundation curtains, basement floor as a protective layer over the waterproofing system
- Used as drain board in combination with a geotextile for roof garden, planter box

## Coverage / Consumption:

Refer TDS

## Packaging:

Roll Length: 20m x 2m

## Shelf Life :

Refer TDS



# Flooring & Coatings



# FloArm Primer EP

## Solvented Epoxy Primer

### Description:

FloArm Primer EP is a two component solvented epoxy primer used for better bonding between the existing concrete floor and the subsequent epoxy treatment. It is a low viscous material which penetrates into the concrete surface and interlocks the pores and has mild chemical resistance.

### Advantages:

- Can be easily applied by brush, roller
- Bonds firmly with the cementitious substrate
- Ultra low viscosity

### Areas of Application:

- As a primer for concrete surfaces
- For sealing concrete surfaces e.g. in production areas, warehouses, on ramps
- For producing leveling and scratch coats for surface preparation for coating measures.

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg

### Shelf Life :

Refer TDS

# FloArm Primer EPW-44

## Epoxy Resin Universal Primer

### Description:

FloArm Primer EPW-44 is a two part Epoxy resin based solvent free primer. It is recommended to use as a primer for AquaArm WPU - 1K.

### Advantages:

- Easy to mix and easy to apply
- Suitable for high absorbent surfaces
- Can be applied in unventilated area
- No solvent smell
- Good bond strength
- Eco friendly and Non toxic

### Areas of Application:

As a primer and adhesion promoter on properly prepared surfaces like,

- Cementitious screed
- Hardened concrete

### Coverage / Consumption:

Refer TDS

### Packaging:

4.5 Kg (B+H)

### Shelf Life :

Refer TDS



# FloArm Primer BA - P

## Guaranteed bonding Agent for screed

### Description:

FloArm Primer BA - P is a primer used in cement-bonded layers of all strength classifications on cementitious substrates.

### Advantages:

- Can be easily applied by brush / rubber spreader
- Bonds firmly with the cementitious substrate
- The FloArm Primer BA - P provides robust bonding between the cementitious substrate and the subsequent screed



### Technical Data:

#### Mixing Ratio:

1. 1 bag of OPC cement (50kg), 1 kg FloArm Primer BA-P + 15-16 ltr water.
2. One mixture provides enough bonding course for a surface area of approx. 25 m<sup>2</sup> depending on the porosity and other aspects of the substrate.

### Coverage / Consumption:

Refer TDS

### Packaging:

0.5 Kg

### Shelf Life :

Refer TDS

# FloArm Primer 1240

## Primer for Oily Floors

### Description:

FloArm Primer 1240 is two component low solvated epoxy primer, capable to and functions as a barrier against capillary rising oils.

### Advantages:

It displaces the water from the capillaries in the surface zone and functions as a barrier against capillary rising oils.

- Bonds very well to damp concrete substrates
- High Sd-value (< 300 m, water vapour proof)
- Solvent free

### Areas of Application:

- As a special primer for oil contaminated, but previously cleaned concrete substrates
- As effective protection against the formation of osmosis bubbles with exposure to moisture from the rear
- As a primer for still damp concrete / bonded screed substrates

### Coverage / Consumption:

Refer TDS

### Packaging:

15 Kg & 28 Kg

### Shelf Life :

Refer TDS



# FloArm Primer 1260

## Solvent Free Universal Primer

### Description:

FloArm Primer 1260 is a two component solvent free low viscous epoxy resin primer.

### Technical Data:

Base	: It is a straw coloured liquid
Hardener	: Pale Yellowish to brown liquid
Viscosity	: 340+/- 50 mPA.s
Pot Life	: 30 minutes
MD	: 1.10 +/- 0.05 kg/l
Coverage	: 0.300-0.600 kg/m <sup>2</sup>
Overcoat	: Min. 12 hrs to max.24 hrs
Bond Strength	: >1.5N/mm <sup>2</sup> (concrete failure)

### Areas of Application:

1. For priming concrete substrates, cement screeds and epoxy mortars
2. Primer for Arment floor resign system
3. Binder for levelling mortars and mortar screed

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg & 15 Kg

### Shelf Life :

Refer TDS



# FloArm Primer 1270

## Epoxy Resin Primer

### Description:

FloArm Primer 1270 is a two component epoxy resin primer.

### Advantages:

- Solvent free
- Transparent
- Low viscosity
- Consolidating
- Pore blocking
- Withstands mechanical loading
- Watertight
- Resistant to dilute alkalis, acids, aqueous salt

### Areas of Application:

As a pore blocking primer for cement-based surfaces that will be coated with Flooring & Coatings systems. For sealing cement-based areas e.g. in production areas, warehouses, on ramps.

For levelling, scratch coats, surface preparation and coating measures.

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg

### Shelf Life :

Refer TDS

# FloArm Primer 1280

## Moisture Tolerant Primer

### Description:

FloArm Primer 1280 is 2-component, solvent-free (100 % solid), moisture tolerant, low VOC, odourless, low viscosity penetrating epoxy resin-based primer and sealer. It is formulated to prime & seal concrete and masonry substrates for high performance applications. It is used as a part of flooring systems with high adhesion to porous concrete surfaces.

### Advantages:

- Easy to apply by suitable brush or roller
- Low VOC, odourless, non toxic
- Excellent rapid cure even at low temperature & Excellent curing under humid as well as damp conditions
- Superior adhesion to dry & damp surfaces with excellent tensile & flexural strengths
- Very good anti corrosion properties
- Excellent resistance to water, waste water and salt water

### Areas of Application:

FloArm Primer 1280 is formulated - as a low viscosity- to prime & seal concrete and masonry substrates and as a part of the flooring systems to:

- Promote adhesion between the masonry substrates and epoxy resin based floor coating, epoxy resin self-level floor toppings and epoxy resin floor screed.
- To bond epoxy flooring to concrete, steel, and masonry products.
- Priming and bonding agent between the masonry substrates and next applications.

**Coverage / Consumption:** Refer TDS

**Packaging:** 4 Kg

### Storage:

FloArm Primer 1280 shall be stored in normal conditions away from any extreme temperatures

**Shelf Life :** Refer TDS

# FloArm Primer 1290

## Solvent Free Universal Primer

### Description:

FloArm Primer 1290 is a two part Epoxy resin based solvent free , moderate viscosity Primer, designed for concrete surface with high porosity.

### Advantages:

- Trowel or brush to applied
- Good penetration
- Good pore sealing property
- Excellent bond strength
- Short waiting times
- Solvent Free

### Areas of Application:

- For normal to strong absorbent substrates
- Primer for the Flooring & Coatings systems
- For priming epoxy mortars concrete substrates, cement screeds

**Coverage / Consumption:** Refer TDS

**Packaging:** 3.25 Kg

**Shelf Life :** Refer TDS





# FloArm Primer PU

## Solvent-Free Primer for HPU range Industrial Flooring.

### Description:

FloArm Primer PU is a solvent-free, three-part primer based on polyurethane technology. Base is a low viscous white liquid, Hardener is a low viscous brown liquid and it consists of a special Filler which is fine white powder.

### Advantages:

- Environmentally friendly
- Non-Tainting
- Non-Flammable
- No volatile solvents
- Safe
- Easy application by roller or brush



### Areas of Application:

FloArm Primer PU is applied to prepared concrete substrates prior to coating with HPU range industrial flooring. It reduces the porosity of the prepared concrete.

Cleaning of plant and equipment should be undertaken well away from the application area. In the case of spillages, excess material must first be absorbed onto sawdust or other disposable absorbent medium. Use correct handling procedures with solvents and take care to avoid any accidental spillage or splashes onto coated surfaces.

**Note:** Hardener containers may contain small amounts of unreacted diisocyanates (MDI). Therefore they must be decontaminated with a 5% solution of soda ash (sodium carbonate or washing soda) prior to disposal as building waste.

### Coverage / Consumption:

Refer TDS

### Packaging Size:

2.5 Kg (Base + Hardener + Special Filler)

### Shelf Life :

Refer TDS

# FloArm Soloplan-30M

## Self-Levelling underlayment for 3 to 30mm

### Description:

FloArm Soloplan-30M is a premixed self-levelling compound in a powder form comprising of specially selected binders, well graded sand and synthetic polymers plasticizing agents and other ingredients.

### Advantages:

- Quick and Easy to mix
- Self-levelling
- Rapid installation and curing
- Chloride free/non-shrink
- Good adhesion to cement and its substitutes [for layers 3 to 30mm]

### Areas of Application:

- Used for smoothing and levelling layers for both exterior and interior use.
- As underlayment for carpets, vinyl, flooring, tiles and wooden tiles.

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS



# FloArm EZ-6

## Rapid Setting Screed

### Description:

FloArm EZ-6 is rapid setting cement for producing cement-based screeds that can take floor finishes early and with high strength as a bonded screed, unbounded screed, screed on insulation or as a heated screed which is suitable as a wearing finish or as a substrate for tiles, textile finishes, parquet or PVC.

### Technical Data:

- Basis: Special Cement, additives
- Colour: Dark Grey
- Mixing ratio: FloArm EZ-6 / aggregate: 1:4 to 1:5 parts by weight
- Bulk density of fresh mortar: approx. 2.2 kg/dm<sup>3</sup>
- Traffic after: approx. 4 hours at 30°C temp
- Fully cured after: approx. 7 days
- Pot life: approx. 45 minutes

Minimum thickness for :

1. Beneath tiles - 45 mm on insulation or separating layer
2. Beneath parquet carpet, linoleum or PVC - 35 mm on insulation of separating layer

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS



# FloArm CE 103

## 3-part epoxy modified self-smoothing floor screed



### Description:

FloArm CE 103 is a Three parts, fine textured self smoothing underlay and leveling screed having thickness of 2 to 3 mm

### Advantages:

- Fast and easy application
- Good self-leveling property
- Ideal preparation for smooth surface finishes
- Provides durable underlay for resin treatment
- Contains no solvents
- Economical & Low VOC

### Areas of Application:

As a self-smoothing screed for:

Leveling layer under Epoxy, Polyurethane and floor coatings or Screeds. Durable floor topping without particular aesthetic requirements.

### Coverage / Consumption:

Refer TDS

### Packaging:

35 Kg packs consisting of Base + Hardener + Filler

### Shelf Life :

Refer TDS

# FloArm ES

## Heavy Duty Epoxy Screed

### Description:

FloArm ES is a three component Epoxy Screed for high abrasion, mechanical and chemical resistant floors

### Advantages:

- Solvent free
- Highly resistance to mechanical and chemical loading
- High compressive and flexural strength
- Resistant to many acids and alkalis as well as conventional cleaning agents

### Areas of Application:

FloArm ES is used as a Heavy duty industrial flooring Screed specially designed for areas subjected to high mechanical loads and abrasion like:

- Loading and unloading bays
- Storage areas & Warehouse
- In production areas and warehouses where the floors are subjected to heavy traffic movements of man and machineries

### Coverage / Consumption:

Refer TDS

### Packaging:

24 Kg

### Shelf Life :

Refer TDS

# FloArm ESF 4-ME

### Description:

FloArm ESF 4-ME is a self levelling epoxy screed which can build upto 4mm to 6mm thick screed. It is a three-component solvent-free system pre-weighed for on-site mixing. The FloArm ESF 4-ME floor provides a hard-wearing, semi-smooth, impervious and easy to clean treated surface.

### Advantages:

- Easy to apply
- Provides a hard and abrasion-resistant floor underlayment
- Good resistance to a wide range of chemicals
- Hygienic
- Easy to clean
- Can resist various loads
- Provides a level surface for the topping

### Areas of Application:

- Laboratories
- Assembly units
- Pharmaceutical units
- Computer assembly units
- Manufacturing unit

- Automobile units
- Chemical plants
- Food processing units
- Pesticide industry
- IT-related units
- Electronics industry
- Hospitals

### Coverage / Consumption:

Refer TDS

### Packaging:

51 Kg

### Shelf Life :

Refer TDS

# FloArm Cempo 2 / Cempo 4 / Cempo 10

## Free flow Modified epoxy moisture barrier underlayment

### Description:

1. FloArm Cempo 2 is three component solvent free system pre-weighed for on-site mixing. The floor provides a hard wearing, semi smooth, impervious and moisture barrier underlayment
2. FloArm Cempo 2/4/10 to be used for various thickness requirements of 2mm, 4mm and 10mm

### Advantages:

- Easy to apply
- Provides a hard and abrasion resistant floor underlayment
- Good resistance to wide range of chemicals
- Hygienic, seamless floor which is easy to clean.
- Can resist various loads.
- Provides a level surface for the topping.
- Moisture barrier

### Coverage / Consumption:

Refer TDS

### Packaging:

Cempo 2: 20 Kg,  
Cempo 4: 26 Kg & Cempo 10: 31.5 Kg

### Shelf Life :

Refer TDS



# FloArm ESF 1 / ESF 2 / ESF 4

## Free flow Self Smoothing Epoxy Screed

### Description:

FloArm ESF 1 / ESF 2 / ESF 4 are a three component solvent free systems pre-weighed for on-site mixing. The floor provides a hard wearing, semi smooth, impervious and easy to clean treated surface.

### Advantages:

- Easy to apply
- Provides a hard and abrasion resistant floor underlayment
- Good resistance to wide range of chemicals
- Hygienic, seamless floor which is easy to clean
- Can resist various loads
- Provides a level surface for the topping

**Thickness:** ESF 1 : 1mm  
ESF 2 : 2mm  
ESF 4 : 4mm

### Areas of Application for under layment:

- Laboratories
- Assembly Units
- Pharmaceutical units
- Computer assembly units

### Coverage / Consumption:

Refer TDS

### Packaging:

FloArm ESF 1: 30 Kg, FloArm ESF 2: 37 Kg, FloArm ESF 4: 50 Kg

### Shelf Life :

Refer TDS



# FloArm Screed Eco

## The Screed Stabiliser Additive

### Description:

FloArm Screed Eco improves the screed homogeneity and the reduction of air pore content, shrinkage (curling) and crack formation, enhancement of workability with good water retention capacity, high early strength.

### Advantages:

- Hard enough to walk on after 1 day, able to bear loads after 3 days. Improvement of surface properties
- No moisture curing required!
- Bonded screed no groove cutting, unbonded bay size 40 sqm
- Thickness: bonded Screed 25 mm / unbonded Screed 35 mm

### Areas of Application:

- FloArm Screed Eco is suitable for use in indoors and outdoors and in permanently wet areas

### Technical Data:

- FloArm Screed Eco is compatible with OPC 43 or 53 grade cements in accordance with IS 8112
- The chemical composition of FloArm Screed Eco does not affect the properties of separation layers or heating pipe materials and is therefore suitable for use on all DIN compliant surface heating systems
- Strength up to CT-C35-F5
- Bonded screed 25-100 mm in a single layer thickness use only in combination with FloArm Primer BA bonding-slurry
- Unbonded screed minimum 35-100 mm in a single layer thickness, for industrial or heavy duty usage generally recommend 50 mm onwards unbonded

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Ltrs

### Shelf Life :

Refer TDS

# FloArm Screed Flexi

## For precisely adjustable drying times starting with 3 days

### Description:

FloArm Screed Flexi is used for precise adjustable drying time and improves the screed homogeneity with the reduction of air pore content, shrinkage (curling) and crack formation, enhancement of workability with good water retention capacity, high early strength.

### Advantages:

- Guaranteed Controlled drying
- No moisture curing required!
- Bonded screed no groove cutting, Unbonded bay size 40 sqm
- Minimum thickness: Bonded Screed 25 mm / Unbonded Screed 35 mm

### Technical Data:

- All relevant standards, especially IS 5491 and DIN 18353, DIN E13813 and DIN 18560, technical instructions and customary industry practices and standards must be observed. For screeds up to 50mm.

### Coverage / Consumption:

For all screeds over 50 mm use 350 ml per mixture

### Packaging:

5 Ltrs

### Shelf Life :

Refer TDS

# FloArm Screed Ultra

**High performance screed with fast drying time.**

## Description:

FloArm Screed Ultra is used for fast drying time with early strength, Improves the screed homogeneity and the reduction of air pore content, shrinkage (curling) and crack formation, enhancement of workability with good water retention capacity.

## Advantages:

- Guaranteed drying time 48 hours approximately for tile and 72 hours for all other floor coverings, Approximately 80-90% of final strength within the first 3-4 days,
- Unbonded bay size 40 sqm
- Minimum thickness: Bonded Screed 15 mm / Unbonded Screed 35 mm

## Areas of Application:

Screeds in bonded, unbonded or floating as well as heated screeds heavy duty floors, industrial screed

FloArm Screed Ultra is suitable for use indoors and outdoors and in permanently wet areas.

## Technical Data:

- FloArm Screed Ultra is to be mixed with cement/ sand ratio
- The sand should be 0-8mm as per our sieve analysis recommendation which can be obtained on request. Crushed sand may be used in approx. 60% m-sand and 40% gravel of 8 or 10mm down according to DIN 10452.
- Aggregate classification to be as per EN 13139 (former BS 8204-1:2003)

## Coverage / Consumption:

1. 2 ltr FloArm Screed Ultra with minimum 312.5kg CEMENT and maximum 375 kg CEMENT
2. Only OPC 43/53 per m<sup>3</sup>

## Packaging:

5 Ltrs

## Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers AquaArm Screed SS

# FloArm Top HPU 4 Plus

**3 to 5mm Heavy Duty Self Levelling Polyurethane Floor Topping**

## Description:

FloArm Top HPU 4 Plus provides a smooth protective floor finish suitable for applications in wet & dry environments. It is dense and impervious providing the ideal floor finish for applications in the food, pharmaceutical and manufacturing industries including clean room, laboratories.

## Advantages:

- HD PUR technology with high resistance to aggressive chemicals
- FloArm Top HPU 4 Plus floors are fully serviceable up to 80° C
- Non Tainting & Impermeable
- FloArm Top HPU 4 Plus offers exceptional resistance to a wide range of chemical aggressors
- FloArm Top HPU 4 Plus exhibits zero absorption

Also Available - FloArm Top HPU 2. (2 to 3mm self levelling tough Polyurethane Based Screed. Refer TDS)

## Colors:

FloArm Top HPU 4 Plus is available in selected RAL Colours (Red Yellow, Green, Grey, Cream) FloArm Top HPU 4 Plus floor systems have been formulated to provide the very highest chemical and heat resistance. As a direct result some yellowing of the installed floor will occur in areas of direct UV exposure. This is most apparent in lighter colours.

## Coverage / Consumption:

Refer TDS

## Packaging:

20.5 Kg (Base + Pigment Paste + Filler + Hardener)

## Shelf Life :

Refer TDS

# FloArm Top HPU 6



## Heavy Duty Polyurethane Topping (HD PUR Technology with High Resistance to Aggressive Chemicals)

### Description:

FloArm Top HPU 6 (four component) provides a smooth protective polyurethane resin floor finish combining outstanding wearing properties with high chemical resistance, having a matt finish.

It is ideally suited in aggressive areas where a seamless, joint free finish is required. FloArm HPU 6 to be used for 6 to 9 mm application.

### Advantages:

- Hard wearing - extremely durable and abrasion resistant with low maintenance costs
- Resistant to a wide range of chemicals and liquids
- Seamless - easily cleaned to maintain high standards of hygiene
- Low odor, VOC compliant
- Food Grade (Confirms to US FDA 175.300)

### Colors:

Red, Grey, Yellow, Green.

### Areas of Application:

- Chemical plants
- Dairy, food and beverage production
- Electronic component manufacture & assembly
- Agrochemical and Oil industry
- Confectionery production
- Textile and film plants
- Pharmaceutical production
- Warehousing and storage
- Cold rooms

### Coverage / Consumption:

Refer TDS

### Packaging:

30 Kg

### Shelf Life :

Refer TDS

# FloArm Top HPU AS



## Antistatic Hybrid PU floor having resistance of $< 10^6$

### Description:

FloArm Top HPU AS is an antistatic 4mm heavy duty, chemical and microbial growth resistant polyurethane resin floor in a smooth / matt coloured floor finish.

### Advantages:

- Antistatic as per DIN 51953 and EN 1081 heavy duty.
- Hygiene floor – Seamless and non-tainting
- Very High Chemical resistance
- Easy to clean and sterilize
- Low Odour during application
- Resists temperature from -20°C to 80°C

### Areas of Application:

- Laboratories
- Assembly Units
- Pharmaceutical Units
- Textile and Fibre Production Units

### Coverage / Consumption:

Refer TDS

### Packaging:

15 Kg (Base + Pigment Paste + Filler + Hardener)

### Shelf Life :

Refer TDS

# FloArm SL Conductive Plus / Conductive / Dissipative

## Epoxy resin based ESD Flooring System

### Description:

FloArm SL Dissipative / Conductive System consists of blended epoxy resins, curing agents, graded inert aggregates. They are flow applied floor toppings for use at a thickness of 2mm. When laid FloArm SL Dissipative / conductive system provide a seamless, smooth, light reflective surface.

### Advantages:

FloArm SL Dissipative systems have been designed for use in areas where a static Dissipative floor is required as a measure to control static electricity.

- Hygienic: Provides a dense, impervious seamless floor surface which is easily cleaned

### Technical Data:

Product Name	Test Result (as per EN 1081)
SL Dissipative	$10^6$ to $10^9$ kohm
Conductive	$5 \times 10^4$ to $10^6$ kohm
Conductive plus	<50 kohm

### Area of Application:

Computer Rooms, Electronic Assembly Units, Magnetic Tape, Production Units

- Weaving mills
- Hospitals (OT)
- Genetic Engineering Lab, Bio Technology Lab, Clean Rooms

### Coverage / Consumption:

Refer TDS

### Packaging:

15.75 Kg

### Shelf Life :

Refer TDS

# FloArm SL Di-Electric

## High build, high breakdown voltage Di-Electric flooring

### Description:

FloArm SL Di-Electric provides a smooth protective Insulation floor finish. Based on unique technology, it is a self leveling solvent free high build flooring. It is designed to provide for insulation, easy operating, dust free, attractive flooring. Along with insulation property this floor provides general chemical resistance, outstanding wearing property, water impermeable floor finish and corrosion protection to metal parts.

### Advantages:

- Ultra high electric & insulation resistance.
- Unique breakdown voltage 33.5 kv and 60 KV
- Hard wearing - durable and abrasion resistant with low maintenance costs
- Resistant to a wide range of chemicals and liquids
- Seamless – easily cleaned to maintain high standards of hygiene
- High Build High Adhesion
- Smooth Glossy Finish
- Easy to apply in single layer
- Tough and abrasion resistance

Note: For Challenging application, MYK Arment offers FloArm UL Di-Electric

### Area of application :

- LT/HT Panel Board
- Electronic & Telecommunication Industry
- Electric Sub Stations
- Generator Installed Area
- Electrical Industry
- AC Plant Room
- Solar Cell Production Areas
- Transformer Area
- Switch Panel Board Area in any industry
- Insulated Floor
- DG Room
- Power Plants

### Coverage / Consumption:

Refer TDS

### Packaging:

28.5 Kg

### Shelf Life :

Refer TDS



# FloArm Coat PUD (Matt & Glossy)

NEW

## PU Based Wall & Floor Coating

### Description:

FloArm Coat PUD is water based polyurethane resin dispersion specially formulated to provide a durable coating suitable for application to both vertical and horizontal surfaces. It cures to form a hygienic matt film with good resistance to a wide range of mineral and organic acids, fats, alkalis and oils.

### Advantages:

- Excellent adhesion and compatible with all substrates.
- Can be applied directly on to concrete wall and floor surface.
- It is hygienic and aesthetic forms a smooth, matt and easy to clean surface on curing.

### Area of Application:

- Precast concrete slabs/ Panels
- Concrete and cement based screed / Plasters

- Cement based Plasters
- Path labs, hospital corridors and Testing centres
- Operation theaters and hygiene rooms
- Industrial areas, Walls
- Showrooms, sales rooms and passage ways
- Outdoor exterior coatings(resistance to UV and weathering)

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg (clear) [base + Hardner]  
6 Kg (coloured) [Base + Hardner + Pigment Paste]

### Shelf Life :

Refer TDS

# FloArm Coat ARC Floor

## Acid Resistant Epoxy Coating

### Description:

FloArm Coat ARC Floor is an acid-resistant, room-temperature cured, 100% solid, epoxy coating for floors.

### Advantages:

- Superior resistance to concentrated acids
- Excellent adhesion to concrete surfaces
- Can be applied with brush or roller or trowel

### Area of Application:

- Ideal coating for chemical storage tanks, and containment areas where chemical resistance is needed.
- Tanker loading and unloading area
- Dyke tanks of chemical storage yard

\*Refer to chemical resistance chart as per data sheet.

### Packaging:

4.0 Kg pack (Base + Colour Paste + Hardener)

### Shelf Life :

Refer TDS



# FloArm Coat ARC Wall

## Acid Resistant Epoxy Coating

### Description:

FloArm Coat ARC Wall is a acid-resistant, room-temperature cured epoxy coating for Walls

Ideal coating for walls where Specific chemical resistance is required and Store yard areas where chemical resistance is needed.

### Advantages:

- Very smooth to apply
- Superior resistance to concentrated acids
- Can be applied with brush or roller
- Excellent adhesion to concrete surfaces
- Thickness can be built up with underlayment of FloArm Screed PE

\*Refer to chemical resistance chart as per data sheet.

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg pack (Base + Colour Paste + Hardner)

### Shelf Life :

Refer TDS



# FloArm Coat EC

## Solvent Free Epoxy Resin Floor Coating

### Description:

FloArm Coat EC is basically a three component solvent free epoxy coating system characterized by thick seamless film. The film formed is glossy hard, non-toxic high build formulated epoxy system.

### Advantages:

- Adhesion on concrete surface is excellent
- Excellent resistance to fresh and sea water
- Good curing properties at low temperature and high humidity
- Glossy Film
- No Shrinkage
- Durable and no Maintenance

### Area of Application:

- Aqua culture Units
- Clean Rooms
- Painting rooms
- Laboratories
- Computer assembly units

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg

### Shelf Life :

Refer TDS



# FloArm Coat EC-S

## Multipurpose Epoxy Resin Coating for Concrete and Steel

### Description:

FloArm Coat EC-S is a Solvent based specially formulated epoxy Resin coating to provide a durable and suitable application for both vertical and horizontal surfaces. It cures to form a matt finish hygienic film with good resistance to a wide range of mineral and organic acids, fats, alkalies and oils.

### Advantages:

- Hygienic & Easy to clean
- Chemical Resistant
- Compatible with all substrates.
- Can be applied directly on to mild steel and concrete
- Forms a smooth glossy film

### Technical Data:

Pot life: @ 20°C: 1 hrs 30 minutes @ 30°C : 45 minutes

Time between Coats: 4 - 6 hrs @ 30°C

Initial hardness 24 hrs @ 30°C

Full cure 7 days

Colors: Available in a wide range of colors (Pl. refer shade card)

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg (Base + Hardener + Color paste)

### Shelf Life :

Refer TDS

# FloArm Coat PU1K

## Single Component, Moisture Curing, PU Wall coating for Clean rooms

### Description:

FloArm Coat PU1K is a single component, polyurethane based, wall coating that cures by atmospheric moisture to form an easily cleanable, aesthetically pleasant finishing.

FloArm Coat PU1K is designed for coating on interior walls of rooms where maintaining hygiene and /or clean environment is critical.

### Advantages:

- Single component
- Resistant to water
- Flexible coating
- Crack Bridging
- Chemical resistance
- Self priming
- Available in colours
- Resistant to algae and fungus growth

### Area of Application:

- Hospitals - wards, operation theaters, intensive care units, autopsy rooms, morgues, etc
- Clinics, examination rooms
- Pharmaceutical manufacturing and storage facilities
- Food processing, storage and packing facilities
- Abattoirs and fish processing areas
- Electronic component manufacturing and assembly areas

### Coverage / Consumption:

Refer TDS

### Packaging:

6 Kg & 13 Kg

### Shelf Life :

Refer TDS

# FloArm Coat ECW



## Water Based Epoxy Coating

### Description:

FloArm Coat ECW is a three component, water based, Zero VOC, solvent-free coating for concrete and other building material.

### Advantages:

- Attractive - available in a range of colours
- Hygienic - easily cleaned due to impervious finish
- Easy to apply
- Solvent free - can be applied in confined spaces
- Odour free - can be applied in food processing areas and hospitals
- Water based - all tools and equipment can be cleaned with water. easy to mix, apply & clean
- Green Building concept - Green Product
- Vapour Permeable – Allows water vapour to permeate and minimizes damp spots and spalling
- Moderate Resistance to oil and grease
- Mild resistance to dew

### Area of Application:

All clean room applications – Pharmaceuticals, Hospitals, etc.

- Walls and ceilings
- Inside coating in water tanks
- Areas prone to dampness/humid and high moisture areas
- Areas requiring easy maintenance
- Warehouses, Utility areas, offices etc

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg

### Shelf Life :

Refer TDS

# FloArm Coat EFG

## Food Grade Epoxy Coating

### Description:

FloArm Coat EFG is a two-component solvent free epoxy resin system It is specially formulated to protect concrete and steel. It comprises of pigmented base and a hardener. The two components when mixed together provide a high build semi glossy film, which is hygienic and safe for contact with food stuff and potable water (Product Conforms to 21 CFR 175-300 of US-FDA certified by CFTRI Mysore).

### Advantages:

- Non-toxic & non-tainting: safe for drinking water Tanks
- Impermeable – vapour barrier for low RH areas
- High chemical resistance
- Solvent free – Virtually no odour, Zero VOC
- High build coating – tough & durable
- Hard surface - Easy to clean
- Resistant to mould growth & abrasion
- Approved by CFTRI

### Area of Application:

FloArm Coat EFG is recommended as a protective coating for the inside surfaces of tanks, sumps and walls and as a pore free surface sealer resistant to the growth of bacteria. Applications include:

- Coating drinking water reservoirs
- Chemicals storage tanks
- Dairies & grain silos, fruit juice and holding tanks
- Pulp and paper plants
- Meat processing and Food industries, breweries
- Clean rooms in pharmaceutical facilities
- As a protective coating in oil refineries, paper mills, power stations, garages, hospitals, hangars, etc.

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg packs consisting of Base and Hardener.

### Shelf Life :

Refer TDS

# FloArm Coat ZP

## Epoxy Zinc Rich Primer

### Description:

FloArm Coat ZP is a two component anti corrosion primer for reinforced steel for the repairs of concrete or steel structures. It actively resists the corrosion within the confines of the repair location.

### Advantages:

- Zinc rich system combats corrosion
- Permanent protection to the steel structures
- Excellent adhesion to steel
- Time saving – touch dry after 35 to 40 minutes
- Exhibits excellent bond strength in cementitious repair

### Areas of Application:

- For Repairs of reinforced bars for anti corrosive system on exterior surfaces of machinery, fertilizers tanks, girders in industries, etc.

### Technical Data:

- Specific Gravity at 25°C : 1.60
- Surface Drying time: Maximum 3 hrs @30°C
- Scratch Hardness: 2 Kg (IS: 101)
- Salt Spray: 300 Hrs
- Over Coat period: 30 – 60 min
- Pot Life: 6 - 8 hrs (23°C)  
2 - 4 hrs (30°C)

### Coverage / Consumption:

Refer TDS

### Packaging:

1.6 Kg & 6.4 Kg

### Shelf Life :

Refer TDS

# FloArm Coat 316

## Heat Resistant Multipurpose EpoxyCoating

### Description:

FloArm Coat 316 is a heat resistant, three component solvent free pre-weighted onsite mixing, hard wearing, chemical resistant, glossy, easy to clean surface coating.

### Advantages:

- Good adhesion to steel and non ferrous metals
- Withstands boiling water
- Good chemical -resistance
- Curable at low temperature (10°C)
- Good adhesion to epoxy, acrylic, urethane paint
- Can be applied on FRP, (Unpolished) stone marble/ kota etc
- \* Strong resistance to chemicals and salts
- High temperature resistance: up to 175 °C (with stands boiling water)

### Area of Application:

- Chemical Industries
- Sewage treatment plant & Equipment
- Effluent treatment plant & Equipment
- Heat resistant lining for boiling water and water tank
- Steam Cleaning for clean room areas
- Coating for Steel & Concrete

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg Pack ( Base + Hardener + Colour paste )

### Shelf Life :

Refer TDS

# FloArm DeckCoat EC

## Anti Slip Car Parking Floor - Broadcast Finish

### Description:

FloArm DeckCoat EC is a solvent free, three component system based on epoxy resins and curing agents specially selected for their ability to withstand chemical attack. The system consists of pre-weighed base & hardener components and a MYKA color paste pack, all of which contain reactive elements that are essential to the installation of the system.

### Advantages:

- Solvent free - less solvent odour during product application
- Adhesion on primed concrete surface is excellent
- Chemical resistance to wide range of industrial chemicals and oil
- Glossy film
- Anti-skid coating can be achieved by sprinkling MYK Arment anti slip grains
- No shrinkage
- Durable and no maintenance
- Available in wide range of colors

### Areas of Application:

- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds
- Base & Seal coat for broadcast coatings for Ramp
- Can be subjected to medium to heavy mechanical and chemical loading
- It is also recommended to use in processing areas of commercial establishments

### Coverage / Consumption:

Refer TDS

### Packaging:

5.5 Kg

### Shelf Life :

Refer TDS

# FloArm DeckCoat PUV

## 2 Component Polyurethane for Car Park Application

### Description:

FloArm DeckCoat PUV is a two component, pigmented, aliphatic polyurethane coating possessing good resistance to long term exposure of UV rays and chemical attack. It is ideally used as a standalone system or as a seal coat for Car Parking systems which are exposed to sunlight. FloArm DeckCoat PUV possesses high weathering properties.

### Advantages:

- Durable: Low maintenance costs
- Non-yellowing: Will not yellow on exposure to UV rays
- Chemical Resistant: Excellent resistance to most industrial chemicals
- Hygienic: Seamless surface, easily cleaned, available in clear as well as in specific colour
- Tough / Abrasion resistant
- UV Resistant

### Areas of Application:

- FloArm DeckCoat PUV suitable for internal or external car park areas.
- Car parking area, as a standalone product on concrete/stone/metal
- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds

### Coverage / Consumption:

Refer TDS

### Packaging:

3 Kg

### Shelf Life :

Refer TDS

# FloArm DeckCoat M

## 3-Part Epoxy based Textured Coating for Car Parking Area & MLCPs

### Description:

FloArm DeckCoat M is a three-part, low solvent containing colored Epoxy resin-based coating with thixotropic properties specially formulated for application in Car Parks.

### Advantages:

- Slip resistant non-quartz finish
- Good abrasion resistance
- Good chemical resistance
- Easy and fast application
- Easy to clean
- Excellent adhesion to substrate
- Good chemical and mechanical resistance
- Textured coating for car parks
- Economical
- Impermeable to water and Oil
- Fuel resistant
- Anti-carbonation
- Semi-Glossy aesthetic finish
- Light Refractive – does not reflect headlight beam
- Variable levels of anti-slip textures possible

- Seamless / Joint free application possible
- Does not support growth of bacteria and fungus
- Complete system like coving, line marking, detailing, wall coating and reflectors
- Wide range of colors

### Areas of Application:

- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds
- Can be subjected to medium to heavy mechanical and chemical loading
- It is also recommended to use for processing areas in commercial establishments
- For protective coating in staircase

### Coverage / Consumption:

Refer TDS

### Packaging:

6.25 Kg

### Shelf Life :

Refer TDS

# FloArm DeckCoat PU-1

## PU based Textured Coating for Car Parking Area and MLCPs

### Description:

FloArm DeckCoat PU-1 is a four-part, low solvent containing coloured polyurethane resin-based coating with thixotropic properties specially formulated for application in Car Parks.

### Advantages:

- Slip resistant non-quartz finish
- Good abrasion resistant
- Good chemical resistance
- Easy and fast application
- Easy to clean
- Excellent adhesion to substrate
- Good chemical and mechanical resistance
- Textured coating for car parks
- Economical
- Impermeable to water and Oil
- Fuel resistant
- Anti-carbonation
- Semi-Glossy aesthetic finish
- Light Refractive – does not reflect headlight beam
- Variable levels of anti-slip textures possible

- Seamless / Joint free application possible
- Does not support growth of bacteria and fungus
- Complete system like coving, line marking, detailing, wall coating and reflectors
- Wide range of colors

### Areas of Application:

- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds
- Can be subjected to medium to heavy mechanical and chemical loading
- It is also recommended to use for processing areas in commercial establishments
- For protective coating in staircase

### Coverage / Consumption:

Refer TDS

### Packaging:

6 Kg (Base + Hardener + Filler + Colour Paste)

### Shelf Life :

Refer TDS



# FloArm DeckCoat PU-2

## 4-Part PU Broadcast Coating for Car Parking Area & MLCPs

### Description:

FloArm DeckCoat PU-2 is a four part, low solvent containing coloured polyurethane resin based coating with thixotropic properties specially formulated for application in Car Parks.

### Advantages:

- Slip resistant to road quartz finish
- Good abrasion resistance
- Good chemical resistance
- Easy and fast application
- Easy to clean
- Excellent adhesion to substrate
- Good chemical and mechanical resistance
- Economical
- Impermeable to water and oil
- Fuel resistant
- Anti-carbonation
- Semi-Glossy aesthetic finish
- Light Refractive – does not reflect headlight beam
- Variable levels of anti-slip textures possible

- Seamless / Joint free application possible
- Does not support growth of bacteria and fungus
- Complete system like coving, line marking, detailing, wall coating and reflectors
- Wide range of colors

### Areas of Application:

- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds
- Ideal broad quartz coating for ramps
- Can be subjected to medium to heavy mechanical and chemical loading
- It is also recommended to use for processing areas in commercial establishments
- For protective coating on staircase

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg (Base + Hardener + Filler + Colour Paste)

### Shelf Life :

Refer TDS

# FloArm DeckCoat EPU

## 4-Part solvent free Hydrid Epoxy Textured Coating and Seal Coat for Car Parking Area and MLCPs

### Description:

FloArm DeckCoat EPU is a four part, solvent free, colored, epoxy modified polyurethane-based coating with thixotropic properties specially formulated for application in Car Parks.

### Advantages:

- Slip resistant non-quartz finish
- Good abrasion resistance
- Good chemical resistance
- Easy and fast application
- Easy to clean
- Excellent adhesion to substrate
- Good chemical and mechanical resistance
- Economical
- Impermeable
- Fuel resistant
- Anti-carbonation
- Semi-Glossy aesthetic finish
- Light Refractive – does not reflect headlight beam
- Variable levels of anti-slip textures possible

- Seamless / Joint free application possible
- Does not support growth of bacteria and fungus
- Complete system like coving, line marking, detailing, wall coating and reflectors
- Wide range of colors

### Areas of Application:

- For multi-storied and underground car parks
- Slip resistant coating for concrete and cement screeds
- Can be subjected to medium to heavy mechanical and chemical loading
- It is also recommended to use for processing areas in commercial establishments
- For protective coating on staircase

### Coverage / Consumption:

Refer TDS

### Packaging:

6.5 Kg

### Shelf Life :

Refer TDS

# FloArm Top SL1-ST

## Solvent Free Self Leveling Epoxy

### Description:

FloArm Top SL1-ST is a 1mm Self leveling Epoxy Flooring for various industrial floor finishes.

### Advantages:

FloArm Top SL1-ST is a 4 component epoxy resin with the following properties:

- Solvent free
- Pigmented
- Resistant to mechanical and chemical loading
- High compressive and flexural strength
- Resistant to many acids and alkalis as well as conventional cleaning agents

### Area of Application:

- Industrial floor coating/finish on concrete surface & Epoxy Screeds
- On cement-based surfaces such as concrete and screed
- On floors in the food industry, service areas and commercial kitchens, laundries, etc.

**Coverage / Consumption:** Refer TDS

**Packaging:** 28.5 Kg

**Shelf Life :** Refer TDS

Available in various colors (refer shade card).

# FloArm Top SL2

## Epoxy Self Leveling Flooring

### Description:

FloArm Top SL2 is a 2mm Self Leveling Epoxy Flooring for special applications

### Advantages:

FloArm Top SL2 is a solvent free, 2 mm Self Leveling Flooring system based on Epoxy resin with the following properties:

- Solvent free
- Viscoplastic
- Pigmented
- Resistant to mechanical and chemical loading
- High compressive and flexural strength
- Resistant to many acids and alkalis as well as conventional cleaning agents

### Area of Application:

FloArm Top SL2 is used:

- As a heavy duty industrial flooring on cementitious surfaces such as concrete and screed
- In production areas and warehouses
- On floors in the food industry and commercial kitchens, workshops, laundries, on loading ramps and roadways

**Coverage / Consumption:** Refer TDS

**Packaging:** 23 Kg

**Shelf Life :** Refer TDS

Available in various colors (refer shade card).

## FloArm Top SL500 / SL501 / SL502

### Description:

FloArm Top SL500 series is for 0.5 mm to 2 mm thickness with one product! FloArm Top SL 500 series is a versatile self levelling system and has been developed keeping in mind the ever changing and elastic needs not only at site but more also for our business associates who require all-in-one stretchable systems to fulfill their need and increase their versatility. It contains the same resin, base, hardener and filler.

The products are:

- FloArm Top SL 500 - 0.5 mm system
- FloArm Top SL 501 - 1.0 mm system
- FloArm Top SL 502 - 2.0 mm system

### Advantages:

- Provides a hard, impact and abrasion resistant floor topping
- Good resistance to wide range of Chemicals
- Hygienic seamless floor which is easy to clean
- Available in wide range of colors
- Quick and easy to apply
- Decreased Friction and static charge formation
- Does not support growth of bacteria and fungus
- Impervious

### Area of Application:

- Engineering Industries/Auto Industries
- Clean rooms /Laboratories /Hospitals
- Electronic Handling / Manufacturing
- Semiconductor Manufacturing
- Pharmaceutical – Bulk and Formulation
- Computer Assembly Units
- IT and other Commercial Buildings

### Coverage / Consumption:

Refer TDS

### Packaging:

Refer TDS

### Shelf Life :

Refer TDS



## FloArm Top EPU 1 / EPU 2

### Solvent free Epoxy - PU Elastic Coating / Flooring

### Description:

FloArm Top EPU 1 / EPU 2 is a 1 mm / 2mm thick, 100 % solid containing free flowing, four component solvent free system in pre-weighed packing for on-site mixing. The finished floor provides a hard wearing, smooth, glossy, joint free, impervious and easy to clean treated surface. Additionally it has mild chemical and alkali resistance.

### Advantages:

- Provides a hard, impact and abrasion resistant floor topping
- Good resistance to wide range of chemicals
- Hygienic seamless floor which is easy to clean
- Quick and easy to apply
- Does not support growth of bacteria and fungus
- Impervious

### Application:

- Engineering Industries/ Auto industries
- Clean rooms / Laboratories / Hospitals
- Electronic Handling / Manufacturing
- Pharmaceutical - Bulk and Formulation
- Computer Assembly Units
- IT and other Commercial Buildings

### Coverage / Consumption:

Refer TDS

### Packaging:

FloArm Top EPU 1 - 24 Kg & FloArm Top EPU 2 - 28 Kg

### Shelf Life :

Refer TDS

# FloArm Top PUC

## Polyurethane Based Soft Flexible Flooring System

### Description:

FloArm Top PUC is a soft Polyurethane ideally used for better noise isolation and protection against accidental fall as compared to normal hard flooring.

### Advantages:

- Solvent free
- Pigmented
- Crack bridging upto 0.3 mm
- Resistant to petrol, motor oil, de-icing salts and weather influences
- Elastic when cold and also crack bridging at low temperatures (-20° C).

### Areas of Application:

FloArm Top PUC is used as a crack bridging coating, which is impervious to liquids, on concrete and cement-based screeds for example:

- On parking and access areas in car parks and garages
- On industrial floor areas
- Bridge parapets

FloArm Top PUC fulfils the requirements for crack bridging in accordance with OS11 of the DAFSTB guidelines (German committee for reinforced concrete) protection and restoration

- Ideal for roof car parking

### Coverage / Consumption:

Refer TDS

### Packaging:

6.5 Kg

### Shelf Life :

Refer TDS

# FloArm Hard Q

## Non-Metallic Floor Hardeners

### Description:

FloArm Hard Q is ready to use non - metallic surface hardener, based on a combination of natural and hard aggregates. The well graded grains/ aggregates play an important role in the physical properties of abrasion and wear resistance.

### Advantages:

- Good abrasion and wear resistant which are dust free, non-slippery and anti skid even in areas where oil is spilled
- Monolithic bond with the base concrete
- Facilitates easy cleaning long life and low maintenance
- It resists petrol, mineral oils etc Non-rusting and thus trouble free

### Areas of Application:

FloArm Hard Q can be used where an economical, durable surface or floors are desired, Production assembly, storage halls and warehouses Hard toppings for any indoor or outdoor floor installations Loading and unloading rafts and bays

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg

### Shelf Life :

Refer TDS

# FloArm Hard L

## Liquid Floor Hardener & Dustproof

### Description:

FloArm Hard L is ready to use liquid floor hardener. It is a low viscosity liquid based on lithium silicate. It penetrates deeply into the surface zone of concrete and cementitious screeds and reacts to form insoluble calcium silicate hydrate in the existing pores. Treated surfaces have a matt sheen and reduced porosity.

### Advantages:

- Abrasion resistance
- Intensified sheen and colour
- Inhibits crack formation
- Prevents dusting
- Inhibits frost damage
- Water vapour permeable
- VOC free
- No surface protection necessary

### Areas of Application:

FloArm Hard L is used for the durable hardening of cementitious areas e.g

- Production Areas, Storage Areas, Cool Rooms
- Car Parks, Aircraft Hangers, Ware houses.
- Food Industry etc.,

### Coverage / Consumption:

 Refer TDS

### Packaging:

 20 Kg & 230 Kg

### Shelf Life :

 Refer TDS

# FloArm Hard EM

## High Abrasion Resistant and Non-Metallic Floor Hardners

### Description:

FloArm Hard EM is ready to use non - metallic surface hardener, based on combination of natural and hard aggregates. The well graded grains / aggregates play an important role in the physical properties of abrasion and wear resistance of industrial floors or cellars.

### Advantages:

- Provides a hard wearing surface. Forms monolithic bond with base concrete
- Improves the surface life of Industrial floors
- Easy, simple and economical in application
- Being non-metallic, is safe against corrosion

### Areas of Application:

- Industrial floors
- Loading areas/unloading areas
- Warehouse floors
- Ramps, Car parks and Trucking lanes

### Coverage / Consumption:

 Refer TDS

### Packaging:

 25 Kg

### Shelf Life :

 Refer TDS

# FloArm Seal APB

NEW

## Paving Block Sealer - Glossy

### Description:

FloArm Seal APB is a non degrading, film forming liquid based on an acrylic modified polymers. Once applied it forms a tough, clear seal which will resist oil and fuel spills, fungal growth and protect against weather damage. It stabilizes the sand within the joints of the block pavers to resist washout.

### Areas of Application:

- FloArm Seal APB forms a tough, clear seal for block paving, concrete floors and paving slabs.

### Features and Benefits:

- Clear glossy finish
- Resists oil and fuel spills
- Protects against weather damage and fungal growth
- Quick Turnaround - treated surfaces are ready to use the same day
- Long lasting protection

### Coverage / Consumption:

Refer TDS

### Packaging:

Available in 1 Kg - 20 Kg

### Shelf Life :

Refer TDS



# FloArm Seal 23

## Acrylic based Concrete Floor Sealer

### Description:

FloArm Seal 23 is a one part, solvent based, clear acrylic resin polymer solution used to cure, harden and seal fresh or hardened concrete.

### Advantages:

- Excellent moisture retention;
- Helps control dust
- Effectively cures and seals concrete surfaces in a single, economic operation
- Good abrasion resistance
- Quick drying
- Good adhesion to old / new concrete floors
- Easy application by spray or roller or brush

### Areas of Application:

- FloArm Seal 23 is used for optimum sealing of fresh concrete floors and structures
- Improvement of the abrasion resistance of existing concrete surfaces
- Suitable for exterior and interior application

### Coverage / Consumption:

Refer TDS

### Packaging:

19 Kg & 180 Kg

### Shelf Life :

Refer TDS

# FloArm Seal 35

## Concrete Impregnator

### Description:

FloArm Seal 35 is a two component epoxy resin, solvent based Concrete Impregnator:

### Advantages:

- Low viscosity binds dust and consolidates
- Watertight
- Resistant to diluted alkalis, acids, aqueous salt solutions, lubricants and fuels which tend to yellowing
- Water vapor permeable

### Areas of Application:

FloArm Seal 35 is used: for impregnating and consolidating cement-based substrates such as concrete, cement-based screeds and plaster.

E.g. concrete roadways, parking lots above and below ground, industrial floors, air-port halls, mechanical workshops etc.

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg

### Shelf Life :

Refer TDS

# FloArm Tool Clean

## All Purpose Cleaning Agent for Equipment / Tools

### Description:

FloArm Tool Clean is ready to use cleaning agent for tools and equipment used for the processing of epoxy resins which offers rapid, easy and thorough removal.

### Advantages:

FloArm Tool Clean is an effective all purpose cleaning agent.

### Packaging:

19 Kg & 180 Kg





# FloArm ERM

## Epoxy Repair Mortar

### Description:

FloArm ERM It is a three component solvent free Epoxy resin Mortar with very high compressive and flexural strengths. It has high resistance to mechanical loading.

### Advantages:

- Solvent free
- High compressive and flexural strength
- High resistance to mechanical loading

### Areas of Application:

- FloArm ERM recommended for filling of voids and pot holes on the industrial floors
- Heavy duty mortar for filling of voids and pot holes on the concrete substrates
- For filling of pot holes on ramps roadways and on Industrial floors

### Coverage / Consumption:

Refer TDS

### Packaging:

24 Kg

### Shelf Life :

Refer TDS





# Repair & Restoration



# ReArm Crete MC

## Non-Shrink Cementitious Micro Concrete

### Description:

ReArm Crete MC is ready to use single component dry powder cementitious material. It is supplied as a pre-blended polymer modified dry powder. The addition of water is recommended on site to produce a non shrink free flowing high strength micro concrete. This is specially designed for repair to damaged reinforced concrete. It is suitable for use in wide range of repairs, pavements, ramps etc.

### Advantages:

- It is a properly designed concrete
- It can be pumped or poured into restricted reinforced concrete
- The high workability of the micro concrete does not require vibration
- Rapid strength development
- Good bonding properties with old concrete
- Prepacked which gives better results

### Areas of Application:

- Strengthening of vertical columns
- For the repair of damaged concrete structures: columns, beams, slabs etc.
- For grouting of Large Gaps

### Technical Data:

Compressive Strength: As per (BS 1881 - part 116: 1983).

Age/ Days	Compressive Strength in N/mm <sup>2</sup> (Approx)
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1 Day	10
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3 Days	25
--------	----

7 Days	35
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28 Days	50
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Flexural Strength: 5 N/mm<sup>2</sup> @ 28 Days.

Water Powder ratio: 0.16 (Flowable)

### Packaging:

25 Kg HDPE Bags.

### Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers

1) ReArm Crete MC(G)

2) ReArm Crete MC(M) 3) ReArm Crete MCUW

# ReArm Crete RM

## Polymer Modified Repair Mortar

### Description:

ReArm Crete RM is a polymer-modified, shrinkage compensated mortar. For interior and exterior use without corroding substances.

### Advantages:

- Easy to use
- Good Adhesion
- Suitable for hand and machine application



### Areas of application:

For repair work of ruptures and defects in walls and ceilings made of concrete and precast concrete. For the preparation of concave mouldings.

### Technical Data:

- Basis: cemented mortar
- Colour: grey
- Water powder ratio : 0.15 to 0.16
- Fresh wet density: approx. 2.10 gm/cc
- Compressive strength at 27 C:
  - 1 day : Minimum 100 n/mm<sup>2</sup>
  - 28 day : Minimum 250 n/mm<sup>2</sup>

### Packaging:

Available in 25 Kg HDPE bag.

### Shelf Life :

Refer TDS

## ReArm Crete RMHS

### Polymer modified one component repair mortar for hand and machine application

#### Description:

ReArm Crete RM HS is a pre-batched one component polymer modified repair mortar.

#### Advantages:

- Easy to use (only to be mixed with water)
- Good adhesion
- Suitable for hand and machine application by dry spray application

#### Areas of Application:

- Damaged concrete in buildings, infrastructure
- Damaged Bridges and superstructure
- Structural and cosmetic repairs

#### Coverage / Consumption:

Refer TDS

#### Packaging:

25 Kgs

#### Shelf Life :

Refer TDS

## ReArm CMS 2K

### Two Component Structural Grade Polymer Modified Cementitious Repair Mortar and Screed

#### Description:

ReArm CMS 2K is based on carefully blended cement, graded fillers and chemical additives and is polymer modified to provide a mortar with good handling characteristics, while minimizing water demand. The hardened product exhibits excellent thermal compatibility with concrete and outstanding water retention ensures fast strength gain and long-term durability.

ReArm CMS 2K is supplied as a grey powder along with a liquid Polymer ( ReArm CMS 2K LIQUID PART) and has to be mixed with water on site to produce a highly consistent, high strength repair mortar / Screed.

#### Advantages:

- High strength
- Can be applied by hand, like conventional mortars
- Extremely low permeability provides maximum protection against carbon dioxide and chlorides
- Excellent bond to the concrete substrate
- Shrinkage compensated
- Contains no chlorides

#### Packaging:

ReArm CMS 2K is available in 26 kg kit packed.  
(Powder Part: - 25 kg + ReArm CMS 2K liquid part : 1 kg)

#### Coverage / Consumption:

Refer TDS

#### Packaging:

Refer TDS

#### Shelf Life :

Refer TDS

# ReArm Coat CT

## High Performance Coal Tar Epoxy

### Description:

ReArm Coat CT is Solvent free Epoxy Coal tar coating having excellent chemical resistance to a wide range of chemicals to a corrosive environment.

### Advantages:

- Solvent free, excellent adhesion to wide range of substrates like concrete, steel etc
- Resistant to wide range of chemicals
- Easy to apply
- Can be applied for both above ground as well as underground applications

### Areas of Application:

- Protection of steel and concrete structures like bridges and chemical factories
- Coating of drain pipes of aqueous waste, effluent treatment plants
- Storage silos for granular chemicals
- Protective coating on underground sections of concrete structures and bridges
- Under-sides of motor vehicle chassis
- Protection of concrete from water vapour transmission, permeability & chemical system
- Sewage treatment plants/ETP

### Technical Data:

- Component Detail: Base –Pale yellow colored liquid, Hardener – Black colored thick liquid.
- Color : Black
- Pot life : 30 minutes @ 20°C : 15 minutes @ 30°C
- Mix Density : approx. 1.15 gm/cc
- Time between coats : 8 - 12 hrs @ 30°C
- Surface drying time : approx. 8 - 12 @ 30°C
- Initial hardness : 24 hrs @ 30°C
- Full cure : 7 days

### Coverage / Consumption:

Refer TDS

### Packaging:

6.9 Kg

### Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers ReArm Coat CT-S



# ReArm Coat EP

## Epoxy Resin Tank and Surface Lining Material

### Description:

ReArm Coat EP is a Epoxy Resin based solvent free specially formulated high build surface protective durable thixotropic coating suitable for application for both vertical and horizontal surfaces. It cures to form a smooth hygienic film with good resistance to a wide range of mineral and organic acids, alkalis, fats and oils.

### Uses:

A hygienic and chemical resistant coating for brick and concrete walls, concrete and metal tanks, sluices and ducts.

### Advantages:

- High Chemical Resistance
- Excellent adhesion - Compatible with all substrates. Can be applied directly on to mild steel and concrete
- Hygienic & Aesthetic – Forms a smooth, glossy and easy to clean surface on curing
- Abrasion resistant – Exceptional resistance to abrasion and to a wide range of chemicals.
- Smooth glossy and easy to clean
- Chemical resistant – Proven against a wide range of industrial chemicals



**Coverage / Consumption:** Refer TDS

**Packaging:** 12 Kg

**Shelf Life :** Refer TDS

# ReArm Coat WS

## Solvent Based Water Repellant

### Description:

ReArm Coat WS is a ready to use solvent based colorless water repellent.

### Advantages:

- Ready to use brush or spray applied
- Low molecular weight
- High penetration depth
- Quick formation of a water repellent effect therefore fast pelting rain proof
- Colorless and non-yellowing protection preserves the natural appearance of the substrate
- Nonflammable

### Areas of Application:

- For Moisture protection of facades or for inclined areas
- Suitable for porous substrates like Bricks Unsintered Clinker Split
- Porous concrete, bricks, lime sand stone, mineralic paint
- Light Concrete and Natural Stones

### Technical Data:

- Basis: Oligomere Siloxane with Large Alkyl Groups.
- Specific Gravity at 25°C : 0.78

**Coverage / Consumption:** Refer TDS

**Packaging:** 4.5 Kg & 17.5 Kg

**Shelf Life :** Refer TDS





# ReArm Coat W2S

## Water Based Silicon Water Repellant.

### Description:

ReArm Coat W2S is a water diluted solution of alkali alkyl siliconate designed to impart water repellency to a wide variety of surfaces. The siliconate reacts with carbon dioxide in the air to form an insoluble water resistant treatment within 24 hours.

### Advantages:

- Ready to use Brush or Spray applied
- Leaves the interior dry in all weather conditions
- Does not effect the breathing capacity of impregnated surfaces
- Prevents fungus and moss growth
- Good penetration capacity and provides long lasting and durable impregnation to facades
- An efficient waterproofing and damp proofing is obtained during winter and spring seasons
- Permeability is low to water salt solutions
- Colorless and non-yellowing protection preserves the natural appearance of the substrate
- Nonflammable

### Areas of Application:

- Suitable for all types of Building Materials
- Suitable for porous like substrates, Bricks Unsintered Clinker Split, etc.
- Clinker Facades Stones
- Light Concrete

### Technical Data:

- Total Solids Content, in percent: 7 - 8 %
- Specific Gravity at 25°C : 1.04 – 1.06
- pH : approx. 13
- Solvent (thinner): Water

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg & 20 Kg

### Shelf Life :

Refer TDS



# ReArm Coat AntiCarb

## Anti-Carbonation Coating

### Description:

ReArm Coat Anticarb is a single component, flexible, elastomeric coating based on water based acrylic polymer. It has been formulated to provide long term protective and decorative properties to concrete and masonry surfaces. The microporous structure of the Coating acts as a barrier to the ingress of Chlorides and Carbon Dioxide and other acid gases but allows the passage of water vapour from the substrate. The flexible nature of ReArm Coat AntiCarb ensures good crack bridging properties, in case of structural movement.

### Advantages:

- Water based and non-toxic
- Excellent weathering/UV Resistance
- Highly resistant to freeze/thaw effect
- Flexible, imparts crack bridging properties
- Breathable

### Areas of Application:

- New and existing concrete and masonry structures
- Car Parking Area
- Commercial and Industrial Buildings
- Bridges and Subways
- Dams, Flyovers and High-rise buildings

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg & 22 Kgs

### Shelf Life :

Refer TDS



# ReArm Coat AR 43

## Acrylic emulsion based concrete bonding agent

### Description:

ReArm Coat AR 43 is a modified acrylic based emulsion which is specially designed for use as a bonding agent on cementitious system. ReArm Coat AR 43 is acrylic emulsion based, used as a cement modifier when applied, provides good bond with masonry / cement and thus improves the tensile and flexural strength properties of the mortar.

### Advantages:

- Improved Adhesion Strength
- Excellent bond to stone work plaster
- Compatible with all common hydraulic cement
- Economical to use

### Areas of Application:

As a Bonding agent - The bonding agent shall be ReArm Coat AR 43 an acrylic based emulsified solution containing a minimum of 43% solids and compatible with cementitious materials. The bonding agent shall provide adequate bond strength when directly applied on concrete and also mixed with neat cement.

As a Mortar modifier - The mortar modifier shall be ReArm Coat AR 43, an acrylic emulsified cement modifier which provides good bond with concrete / masonry and improves the flexural strength, tensile strength properties of the mortar when added in the specified quantities. It shall be compatible with all common hydraulic cements.

### Technical Data:

- Basis: Modified Acrylic emulsion
- Color: Milky white
- Specific Gravity: 1.03
- Typical mechanical properties of 1:3 cement sand mortar at W/C - 0.45 for control and W/C - 0.35 for mortar containing ReArm Coat AR 43 (10 kg / 50 kg cement ). Tested in accordance with BS 6319 & wet cured.

### Mechanical Properties:

	Control	ReArm Coat AR 43
• Tensile strength (n/mm <sup>2</sup> )	40 (Dry) 30 (Wet)	45 (Dry) 35 (Wet)
• Flexural strength (n/mm <sup>2</sup> )	70 (Dry) 60 (Wet)	85 (Dry) 75 (Wet)
• Adhesion to Concrete (n/mm <sup>2</sup> )	50 (Dry)	150 (Dry)

\*Dry and Wet indicates the curing conditions.

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg & 20 Kg

### Shelf Life :

Refer TDS

# ReArm Bond EBA

## Epoxy resin based Concrete Bonding Agent

### Description:

ReArm Bond EBA is a solvent free epoxy resin, which is supplied as a two pack component in pre-weighed quantities for ready to mix and use condition.

Standard Compliance: ASTM C881: Type 11, Grade 2, Class C

### Advantages:

- High bond strength • Exhibits high mechanical strength
- Solvent free • Extended pot life

### Areas of Application:

- For all areas where bonding is required for old to new concrete. It is ideal for the extensions and structural repairs in structural concrete buildings, bridges, roads, loading bays etc
- Used for vertical and horizontal surface where mortar and concrete can be supported by form work for jacketing

### Technical Data:

- Pot Life : 2 Hrs at 30°C, 6Hrs at 20°C
- Overlay time : 6 hrs at 30°C
- Compressive Strength : 51N/mm<sup>2</sup> (7 days) (BS-6319)
- Flexural Strength : 35N/mm<sup>2</sup> (7 days) (BS-6319 P-7)
- Tensile Strength : 20N/mm<sup>2</sup> (7 days)
- Shear Strength : 10N/mm<sup>2</sup> as per BS 6319 (7 days)

### Coverage / Consumption:

Refer TDS

### Packaging:

1 Kg, 3 Kg & 6 Kg

### Shelf Life :

Refer TDS

# ReArm Fix 10S

## Chloride free Instant Plugging Cement

### Description:

ReArm Fix 10S is supplied as a ready to use blend of dry powders which requires only the addition of clean water at site to produce a highly consistent, rapid setting mortar which is easy to apply in many difficult conditions. The material is based on a blend of cements, graded aggregates, special fillers and chemical additives which control the rate of setting and minimize the risk of thermal cracking.

### Advantages:

Instant arrest of the leakage areas

### Areas of Application:

Subsequent Sealing of surface leakage, water leaks and damp areas in cellars, manholes, tunnels etc., against water and pressure water from the back side or front side.

### Technical Data:

Basis: Cement

Bulk weight: 1.2 Kg/dm<sup>3</sup>

Curing: Immediately after addition of water

### Instructions for use:

Sealing of leakage: Leaking parts in sealed surfaces may be closed by pressing ReArm Fix 10S in dry form or mixed with water into the leakage. Sealing of large areas: The wet but loadable surface is treated with (consumption approx. 0.3 kg/sq.m), and sealed with AquaArm 1K (consumption 1.5 kg/sq.m) immediately.

### Packaging:

12 Kg

### Shelf Life :

Refer TDS

# ReArm SBR 45

## Cement Mortar and Screed Modifier Cum Bonding Agent.

### Description:

ReArm SBR 45 is modified Styrene Butadiene Rubber emulsion specially designed for use as a bonding agent. It is suitable as an admixture for obtaining waterproof concrete, plasters and mortars it is also suitable for preparation of repair mortars for damaged and spalled concrete also for the repair of large cracks.

### Areas of Applications:

- Concrete repair and adhesive Mortar, screed
- Roof Finishing
- Rendering and coating
- To be used as bonding agent for old concrete to new concrete
- As a Bond coat before commencement of repair work

### Technical Data:

- Basis: Modified SBR emulsion
- Color: Milky white
- Specific Gravity: 1.02

- Typical mechanical properties of 1:3 cement sand mortar at W/C - 0.45 for control and W/C - 0.35 for mortar containing ReArm SBR 45 (5 litres / 50 kg cement ). Tested in accordance with BS 6319 & wet cured.

### Mechanical Properties:

	Control	ReArm SBR 45
Compressive strength (N/mm <sup>2</sup> )		
• 3 days	115	125
• 7 days	130	145
• 28 days	200	220
• Tensile strength (N/mm <sup>2</sup> ) 28 days	25	32
• Flexural strength (N/mm <sup>2</sup> ) 28 days	40	50

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Ltrs & 20 Ltrs

### Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers ReArm SBR 35

## ReArm SS CFRP

### Description:

REARM CFRP Structural Strengthening System comprises of a 200,230,300,400,450,600gsm. Non-metallic, high tensile strength and modulus reinforcement of Carbon Fibre Fabric wrapped to the mother concrete substrate in conjunction with a solvent free, high bond strength Epoxy primer and saturated to form a CFRP composite laminate which structurally integrates with the RCC members which include slabs, beams, & columns of buildings etc. to enhance the desired Structural Strengthening properties.

### Advantages:

- High strength to thickness ratio
- Lightweight and corrosion resistant
- Enhancement of fatigue resistance under repetitive loading conditions

### Areas of Application:

- RC Columns
- RCC and PSC (Prestressed Concrete) Slabs and Beams
- Seismic retrofitting of columns and piles
- Chimneys, Tanks and Tunnels

**Coverage / Consumption:** Refer TDS

### Packaging:

These are supplied in rolls of length 100m length and 0.5m width

**Shelf Life :** Refer TDS

Note: For Challenging application, MYK Arment offers ReArm SS GFRP

## ReArm SS Laminate

### Description:

ReArm SS Laminate are ready to use pultruded carbon fibre laminates (plates) which are designed and developed as per the guidelines of ACI 440 2R for the application of structural strengthening of reinforced concrete structural members like - columns, beams and slabs in building and bridges.

### Advantages:

- Resist flexural & shear cracks
- Lightweight and hence can be easily hand applied
- Fast curing than the conventional structural retrofitting techniques.

### Areas of Application:

- RCC and PSC slabs
- Girders and beams

**Coverage / Consumption:** Refer TDS

### Packaging:

These are supplied in 50m and 100m rolls.

**Shelf Life :** Refer TDS



# ReArm TBA



## Precast Segmental Epoxy Adhesive

### Description:

ReArm TBA is a thixotropic epoxy bonding adhesive. It is a 2 pack solvent free epoxy resin system consisting of an off white thixotropic base and dark black thixotropic hardener in pre weighed quantities for easy onsite mixing.

Bonding segmented concrete bridges to speed up construction and provide a structural and water resistant joint. Can be used for pointing stone masonry joints to retain structural integrity.

**Note:** Various grades are available according to temperature variation

Temp. Range	Suitable Grade
5° C - 20° C	ReArmTBA 0520
15° C - 30° C	ReArmTBA 1530
25° C - 40° C	ReArmTBA 2540

### Advantages:

- Excellent squeezability
- Very good bond strength
- Fast cure
- Non - sag

### Coverage / Consumption:

Refer TDS

### Packaging:

6 Kg

### Shelf Life :

Refer TDS

# ReArm Fair Finish

## Rapid Drying Patching & Smoothing Compound

### Description:

ReArm Fair Finish is a multi-purpose cementitious repair material which may be used horizontally as well as vertically on various surfaces. It dries rapidly and has good adhesion to concrete, cement, sand screeds, cement particle board etc. Use ReArm Fair Finish for patching, for filling and good finishing, day work joints, ridges, gouges, depressions, uneven trowel marks, in the sub-floor, as well as smoothing joints between staggered sheets.

### Advantages:

- Economic and easy to apply
- Just mix water
- Excellent adhesion to concrete, cement sand screeds
- Easy to patching
- Easy to finish the depressions and trowel marks
- Excellent coverage

- Can be apply at minimum thickness
- Highly workable
- Multi-purpose use

### Areas of Application:

- Patching works of cementitious flooring
- Sand screed
- Finishing of Trowel marks
- Smoothing of day works joints
- Under the sub floor covering

### Coverage / Consumption:

Refer TDS

### Packaging:

15 Kg

### Shelf Life :

Refer TDS



# Grouts & Anchors



# ArmGrout M-40

## Free Flow Non-Shrink Expansive Cementitious Grout

### Description:

ArmGrout M-40 is a free flow non-shrink high strength expansive, controlled expansion grout for machinery foundations. It is based on Portland cement with graded aggregates and additives which impart controlled expansion in the plastic state. It effectively transfers all operational loads to the foundation. Its function is three folds, to fill the voids between the base plate and concrete foundations completely and permanently, without shrinkage and maintain precise alignment.

### Advantages:

- It is a non-shrink material which occupies the filled space without shrinkage
- High early strength is possible at very early age
- It has excellent flow characteristics and has positive expansion during setting
- It is a chloride free material and does not effect the steel or foundation bolts

### Technical Data:

Compressive Strength: (BS 1881- part 116: 1983) W/P ratio: 0.19 (Flowable)

Age/ Days (Approx)	Compressive Strength in N/mm <sup>2</sup>
1 Day	10
3 Days	20
7 days	30
28 Days	40

**Note:** Size of the cubes 70.6mm x 70.6mm x 70.6mm tested at 30°C. Controlled Expansion: 1 - 4 % in the plastic state

**Coverage / Consumption:** Refer TDS

**Packaging:** 25 Kg HDPE bags

**Shelf Life :** Refer TDS

# ArmGrout M-50

## Free Flow Non-Shrink Expansive Cementitious Grout

### Description:

ArmGrout M-50 is recommended for precision grouting where it is essential to with stand static load and typical applications like base plates of turbine, generators, compressors, boilers etc. The non-shrink grout function is three folds, to fill the voids between the base plate and the concrete foundations completely and permanently without shrinkage or separating from either to transfer all loads from the base plate to the concrete foundation and to maintain precise alignment. It effectively transfers all operational loads to the foundation.

### Advantages:

- **Non-shrink:** it is a non-shrink material occupies the filled space without shrinkage
- **High Strength:** High strength is possible at very early age
- **Free flow:** it has excellent flow characteristics and has positive expansion during setting
- **Chloride free:** it is a chloride free. material and does not effect the steel or foundation bolts

### Technical Data:

Compressive Strength: (BS 1881- part 116: 1983) W/P ratio: 0.18 (Flowable)

Age/ Days (Approx)	Compressive Strength in N/mm <sup>2</sup>
1 Day	15
3 Days	30
7 days	40
28 Days	50

**Note:** Size of the cubes 70.6mm x 70.6mm x 70.6mm tested at 30°C. Controlled Expansion: 1 - 4 % in the plastic state

**Coverage / Consumption:** Refer TDS

**Packaging:** 25 Kg HDPE bags

**Shelf Life :** Refer TDS

# ArmGrout M-65E

## Free Flow Non-Shrink High Strength Expansive Grout

### Description:

ArmGrout M-65E is a free flow no shrink high strength expansive grout. It is based on port land cement with graded aggregates and additives which impart controlled expansion in the plastic state. The non-shrink grout function is three folds, to fill the voids between the base plate and the concrete foundations completely and permanently without shrinkage or separating from either to transfer all loads from the base plate to the concrete foundation and to maintain precise alignment. It effectively transfers all operational loads to the foundation.

### Advantages:

- High early and final strengths
- Non-shrink
- Chloride free
- Excellent flow characteristics and high level contact with bond area

### Areas of Application:

Grouting baseplates of generators, compressors and boilers.

### Technical Data:

Baseplates of Generators, compressors, boilers.

**Coverage / Consumption:** Refer TDS

**Packaging:** 25 Kgs HDPE bags

**Shelf Life :** Refer TDS

# ArmGrout M-80 HES

## Heavy duty, High early strength Non shrink Flowable Cementitious Grout

### Description:

ArmGrout M-80 HES is a single component pre weighed factory blended Non-shrink, very high early strength free flow grout. It is designed for very high early and final strengths. The flow characteristics allow it to be used at various consistencies.

### Advantages:

- Excellent flow characteristics
- Low creep characteristics under sustained loading
- High early Compressive, Tensile and Flexural strengths
- Non-shrink-and hence ensures complete surface contact and bond
- Suitable for a wide range of loading situations
- Chloride and iron free

### Properties:

Pot Life @ 27°C temp: 15 minutes

### Technical Data:

Compressive Strength: W/P ratio: approx.0.14 to 0.15 (Flowable), (Water curing after one day)

Approx. 3.5 N/ mm<sup>2</sup> @ 28 days, 30°C temp

Compressive strength @ W/p ratio 0.14 to 0.15

Age/ Days	Compressive Strength in N/mm <sup>2</sup>	
	At 30°C Approx.	At 25°C Approx.
12 hrs	15	-
1 Day	40	30
3 Day	60	60
28 Days	80	80

**Note:** Size of the cubes to be 70.6mm x 70.6mm x 70.6mm tested at 30°C. Controlled Expansion: 1 - 4 % in the plastic state

Flexural Strength at 30°C:

Water Powder ratio: 0.15 (Flowable),

Age/ Days	Flexural Strength in N/mm <sup>2</sup> (Approx)
7 days	9
28 Days	10

**Coverage / Consumption:** Refer TDS

**Packaging:** 25 Kg HDPE Bag

**Shelf Life :** Refer TDS



# ArmGrout Additive

## Expansive Grout Additive

### Description:

ArmGrout Additive It's a single pack powder grout additive which when added to cement produces a free flow non-shrink grout. It plasticizes the mix allowing for substantial reduction in water content without affecting the fluidity, thus improving the strength and impermeability of the grout. During the setting period of the grout it produces controlled expansion to compensate the normal plastic shrinkage of cement.

### Advantages:

- Free flow & Chloride free
- Excellent adhesion
- Higher fluidity
- Gaseous expansion
- Compensates plastic shrinkage in cement

### Areas of Application:

- Cable Duct Grouting
- Injection Grouting for the cases of Honey Combed Concrete, weak concrete structures, voids and for the cases of repair and rehabilitation.

### Dosage:

250 gm for every bag of cement

### Packaging:

250 gm

# ArmGrout HR

## Heat resistant, High strength, Non-shrink, Free flow, Cementitious Grout

### Description:

ArmGrout HR produces a free flowing, non-shrink grout for applications in high temperature zones. ArmGrout HR is a blend of Portland cement, graded fillers and chemical additives which impart controlled expansion, while minimizing water demand. The product is designed to provide resistance to high temperatures up to 500°C without losing its performance characteristics.

### Advantages:

- Expansion system compensates for shrinkage in the plastic states
- No iron content to cause staining
- High strength and high level of contact with the load bearing area
- High Thermal resistance with temperature up to 500°C

### Areas of Application:

- Blast furnace and chimneys
- At concrete floor refurbishments, where high temperature and thermal gradients are envisaged.

### Coverage / Consumption:

Refer TDS

### Packaging:

25 Kg (moisture resistant bags)

### Shelf Life :

Refer TDS

# ArmGrout EP-78

## Free Flow High Strength Epoxy Grout

### Description:

ArmGrout EP-78 is an Epoxy resin grout designed for grouting of gap widths of 10 to 75 mm. It is supplied as a three component system consisting of base, hardener and specially graded filler. The components are supplied in the correct mix proportions designed for whole pack mixing on site.

### Advantages:

- Excellent durability - high compressive, flexural and tensile strengths ensure a long working life
- Cost effective - high early strength gain reduces the minimum downtime for early commissioning of plant
- User friendly - simple, pre-packed, at site mixing to ensure optimum performance characteristics
- Versatile - suitable for a wide range of loading situations including repetitive dynamic loads
- Excellent service performance – non-shrink capability Ensures full surface to surface contact

Compressive strength @ 30°C:

Age/ Days (Approx)	Compressive Strength in N/mm2
1 Day	50
3Days	65
7 days	78

Maximum flow distance for a head of 100 mm at 30°C:

35 mm gap - 2000 mm

70 mm gap – 3200 mm

### Coverage / Consumption:

Refer TDS

### Packaging:

19 Kg

### Shelf Life :

Refer TDS

# ArmGrout EP-76 LE

## Low Exothermic Free Flow High Strength Epoxy Grout

### Description:

ArmGrout EP-76 LE is a Low Exothermic Epoxy resin grout designed for grouting of gap widths of 10 to 75 mm and for higher depths and mass pouring of grout. It is supplied as a three component system consisting of base, hardener and specially graded aggregates. The components are supplied in the correct mix proportions designed for whole pack mixing on site.

### Advantages:

- Excellent durability - high compressive, flexural and tensile strengths ensure a long working life
- Cost effective - high early strength gain reduces the minimum downtime for early commissioning of plant
- Versatile - suitable for a wide range of loading situations including repetitive dynamic loads
- Low Heat - Control release of Heat during the setting.

Compressive strength @ 30°C:

Age/ Days (Approx)	Compressive Strength in N/mm2
3 Day	65
7Days	76

Maximum flow distance for a head of 100 mm at 30°C:

35 mm gap - 2000 mm

70 mm gap – 3200 mm

### Coverage / Consumption:

Refer TDS

### Packaging:

19.5 Kg

### Shelf Life :

Refer TDS

# ArmGrout EP-100

## Three-component, Solvent-free, High Performance, Free-flowing Epoxy Grout

### Description:

ArmGrout EP-100 is a three-component, solvent-free, non-shrink, high performance, epoxy-resin based, free flowing grout for gaps of 10 mm to 100 mm. ArmGrout EP-100 is based on a selection of epoxy when mixed - provides a grout of excellent adhesion with high early and final compressive & mechanical strengths, in addition to good chemical resistance.

### Advantages:

- Easy to mix and apply
- Solvent-free; 100 % solids
- Non-shrink curing ensures full adhesion
- Excellent flowability
- Rapid strength development
- Excellent chemical resistance & durability
- Suitable for application on damp or dry substrates

### Areas of Application:

ArmGrout EP-100 is typically used to grout:

- Under machinery plates exposed to high dynamic loads or vibrations
- Under machinery that will be exposed to chemical attack
- Under bridge bearing pads
- High strength anchoring bolts
- Large area cavities in concrete

### Coverage / Consumption:

Refer TDS

### Packaging:

15 kg composite pack (Base + Hardner + Aggregater)

### Shelf Life :

Refer TDS

# ArmGrout EPU W-RG

## Moisture insensitive free flow high strength epoxy resin grout.

### Description:

ArmGrout EPU W-RG is an epoxy based solvent free 3-component ready to use moisture insensitive pourable grout. It has been developed to meet special requirement of grouting in wet/ under water. After mixing, the liquid is poured into the cavity where it displaces the water and cures to a rigid high strength material.

### Advantages:

- Moisture insensitive grout
- High early strength
- Cures without shrinkage
- Excellent adhesion to cement and metal substrate
- Easy to use and Free flowing

### Advantages:

- Bridge bearing plates
- Industrial Machine bases
- Rail tracks and vertically placed dowel bar

### Coverage / Consumption:

Refer TDS

### Packaging:

24 Kg

### Shelf Life :

Refer TDS

# ArmGrout EPBG

## Epoxy resin bearing grout

### Description:

ArmGrout EPBG is a two part, prepacked and prebatched thixotropic grout material which is particularly suitable for heavy load bearing situations.

### Advantages:

- Low creep characteristics under sustained loading
- Better dynamic Load Response
- Non-shrink and hence ensures complete surface contact and bond
- High compressive, tensile and flexural strength
- Fast, convenient installation with early strength
- Withstands a wide range of chemicals
- Suitable for narrow gaps of 3 to 50 mm

### Areas of Application:

An epoxy grout for use in situations where heavy dynamic or cyclic loads are encountered. The gap between a base plate and substrate will need to be filled in situations such as reciprocating machinery, testing equipment, crane rail and transporter rails, high speed turbines, bridge bearings, centrifuges and drop

### Packaging:

6 Kg (Approx 3.4 Ltrs Volume) packs containing base and hardener

### Shelf Life :

Refer TDS

# ArmGrout Inject EP

## Ultra-Low viscous epoxy resin injection Grouting material

### Description:

ArmGrout Inject EP-LV is a two-part epoxy resin system for grouting gaps ranging from 0.2 mm to 10 mm. It is a two-part system consisting of a base and hardener.

### Advantages:

- Low viscosity and creep characteristics
- High compressive, tensile and flexural strengths even at hot climate
- High Chemical resistant
- Fast, convenient pumping

### Advantages:

- Structure repairs
- Roof slabs

### Coverage / Consumption:

Refer TDS

### Packaging:

4.5 Kg of composite pack (B+H)

### Shelf Life :

Refer TDS

# ArmGrout Inject EP-LV

## Ultra Low viscous epoxy resin based injection Grouting material

### Description:

ArmGrout Inject EP-LV is a two part epoxy resin system for grouting gaps ranging from 0.2 mm to 10 mm. Consisting of a base and a hardener.

### Advantages:

- Low viscosity allows to penetrate into finest cracks
- Formulated for hot climates
- Low creep characteristics
- High compressive, tensile and flexural strengths
- Fast, convenient pumping
- Withstands a wide range of chemicals
- Suitable for structural repairs
- Adheres to concrete with no loss of bond

### Areas of Application:

This is the most ideal product for repairs and rehabilitation of structures showing hair line cracks. It is used to fill up fine cracks in roof slabs and other areas to make them structurally sound.

### Coverage / Consumption:

Refer TDS

### Packaging:

5.5 Kg

### Shelf Life :

Refer TDS

# ArmGrout Inject PU1

## Injection Resin for Waterproofing of Water-bearing Cracks

### Description:

ArmGrout Inject PU1 is ready to use highly reactive, one component polyurethane based modified isocyanate injection resin.

### Advantages:

- ArmGrout Inject PU1 foams by high increase in volume in contact with water and becomes a viscoelastic firm foam, which seals temporarily against further water penetration.
- It is resistant against acids and lyes. In case of very dry surfaces the material does not foam immediately but it hardens slowly

### Areas of Application:

- ArmGrout Inject PU1 is used for the injection of water-bearing cracks and joints in concrete and stone.

- ArmGrout Inject PU1 is used for stoppage of water inflows from cracks, joints, etc. compacting of loose stones.
- ArmGrout Inject PU1 meets the requirements of the DFBT-leaflet "Bewertung der Auswirkungen von Bauprodukten auf Beton und Grundwasser (evaluation of the effect of construction products on concrete and ground water)" dated November 2000.

### Coverage / Consumption:

Refer TDS

### Packaging:

4.5 Kg of composite pack (Base + Hardner)

### Shelf Life :

Refer TDS

Note: For Challenging application, MYK Arment offers ArmGrout Inject PU4.  
(It is a solvent free thin liquid and two component polyurethane injection resin.)

# ArmGrout HF-66

## Polyester Resin Anchor Grout

### Description:

ArmGrout HF-66 is a component resin system specially made to give excellent anchorage. ArmGrout HF-66 can be used for an anchor size of 25mm diameter into concrete, rock, masonry or brick work where high speed of installation and early application of load is required.

### Advantages:

- Rapid Strength gain.
- Corrosion resistant, Non-expansive
- Can be used for underwater applications
- Good consistency, Vibration resistant

### Area's of application:

- Rock bolting (in tunnels etc.,)
- Fixing of foundation bolts
- Fixing of reinforcement.

### Properties:

- Consistency of the mixed material; Flowable, dark grey in colour.
- Pot life (working life) at 30°C - Approx: 10 minutes.
- Mixed density 1.9 – 2.0 gm/cc
- Compressive strength at 30°C: 3hrs, min : 300 N/mm<sup>2</sup> 7hrs, min : 600 N/mm<sup>2</sup>
- Minimum Curing required before loading @ 30°C is 3 Hrs and 20°C is 8 Hrs.

### Coverage / Consumption: Refer TDS

### Packaging:

ArmGrout HF-66 – 1 Kg (Base + Hardner)

### Shelf Life : Refer TDS

# ArmGrout HF-66V

## Polyester Resin Anchor Grout for Vertical application

### Description:

ArmGrout HF 66 V is a polyester based three component resin system specially made to give excellent anchorage in all vertical applications. ArmGrout HF 66 V can be used to an anchor size of 25mm Diameter into concrete, rock, masonry or brick work where high speed of installation and early application of load is required.

### Advantages:

- Rapid Strength gain
- Corrosion and Vibration resistant
- Non-expansive
- Good thixotropy consistency
- Can be applied even underwater

### Area's of application:

- Rock bolting (in tunnels)
- Fixing of foundation bolts and reinforcement

### Coverage / Consumption: Refer TDS

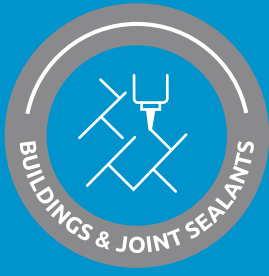
### Packaging:

1.25 Kg packing {Base + Hardener + Agent}

### Shelf Life : Refer TDS







# Buildings and Joint Sealants



# SealArm EMS

## Two Component Epoxy Modified PU Sealant

### Description:

SealArm EMS is a two component pouring grade semi rigid epoxy PU modified sealant for filling control and construction joints in industrial concrete floors. The mixed sealant is self leveling and can be poured directly into horizontal joints to form a tough resilient seal. It supports the joints edges and reduces spalling of edges caused by wheel traffic.

### Advantages:

- Load bearing for support of areas under heavy wheel load
- Self leveling to produce uniform and neat joints
- Pouring grade to ensures ease of placing
- Good resistance to Hydrocarbon fuels

### Areas of Application:

For sealing internal floor joints subject to heavy industrial use in factories, particularly for sawn joints in long strip floorings and other large internal areas.

### Coverage / Consumption:

Refer TDS

### Packaging:

5 Kg

### Shelf Life :

Refer TDS



# SealArm PS-G

## Two part Polysulphide Sealant, Gun Grade

### Description:

SealArm PS-G is two packs Polysulphide based, tough flexible durable with strong adhesive sealant basically used for movement joints in concrete and pavements and it is a gun grade version. When the two packs are mixed and it forms tough, flexible durable rubber like material with strong adhesive property on most building substrates and joints.

### Advantages:

- UV Resistant
- Good Weatherability
- Flame and fuel resistant
- Excellent flexibility and movement tolerance
- Good resistance to chemicals and hydrocarbons
- Good movement accommodation factor

### Areas of Application:

Sealing of expansion, contraction & construction joints in building structure such as basements, subways, retaining walls, floors, external walls , roof terraces & ceilings especially structural expansion joint running through the ceiling.

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg

### Shelf Life :

Refer TDS

# SealArm PS-P

## Two part Polysulphide Sealant, Pour Grade

### Description:

SealArm PS-P is two packs Polysulphide based, tough flexible durable and strong adhesive sealant and is a pourable version, basically used for movement joints in concrete and pavements.

### Advantages:

- UV Resistant
- Good Weatherability
- Flame and fuel resistant
- Excellent flexibility and movement tolerance
- Good resistance to chemicals and hydrocarbons
- Good movement accommodation factor

### Areas of Application:

Sealing of expansion, contraction & construction joints in building structures such as basements, subways, retaining walls, floors, external walls, roof terraces & ceilings especially structural expansion joint running through the ceiling.

### Coverage / Consumption:

Refer TDS

### Packaging:

4 Kg

### Shelf Life :

Refer TDS

# SealArm PU

## Elastic single Component PU joint sealant

### Description:

SealArm PU is a single component pigmented polyurethane sealant. It is light and UV stable characterized by high elasticity

### Advantages:

- SealArm PU possesses good resistance to dilute acids and alkalis, salt solutions, neutral water-based cleaners as well as hot oils
- Available in 3 different colors
- Good slump resistance

### Areas of Application:

SealArm PU is used as a joint sealant for floor joints in heavy duty areas Breweries, Dairies, Commercial kitchens, balconies, terraces between concrete elements (with low movement accommodation approx 15% of the joint width).

### Coverage / Consumption:

Refer TDS

### Packaging:

600 ml Sausage

### Shelf Life :

Refer TDS

# SealArm Tape FB 300 - M

## Corner Tapes

### Description:

SealArm Tape FB 300 - M is water impermeable JOINT TAPE . This tape is easy to handle and perfectly combines with waterproofing systems like AquaArm Saniflex, AquaArm WPU 1K, and AquaArm TG etc.

### Areas of Application:

SealArm Tape-FB-300 (M) is used for the safe bridging of connecting joints and expansion joints in surface waterproofing coats at moderate water loads.

### Packaging:

Width 12 cm Length 50 cm, 4 rolls in one per box

### Shelf Life :

Refer TDS

Wet rooms (WC, bathroom, shower & kitchen) below ceramics



# SealArm Tape 2000S

## Professional Joint-Tape-Technology

### Description:

SealArm Tape 2000 S is a new type of composite material, expandable, tensile, stable, and waterproof but allows the intrusion of water vapour diffusion pores. It guarantees the fast drying of water-containing tile adhesives and waterproofing layers. Being highly resistant to aggressive substances, SealArm Tape 2000 S ensures perfect adhesion with the substrate, waterproofing material and also with tape overlaps when used with ReArm Bond 4031 .

### Advantages:

- Composite material
- Particularly elastic and tear-resistant
- Water impermeability
- Water vapour permeable
- Thin build-up
- UV stabilized
- Temperature resistant from -220C to +900C
- Guarantees the quick drying of adhesives and waterproof membranes, which contain water
- Highly resistant to aggressive media

### Areas of Application:

For the waterproofing of expansion joints and dilatation of joints in sealing layers in swimming pools, podiums, park decks and soiled earth areas.

### Packaging:

1m width in 25m rolls  
20cm width in 25 and 50m rolls  
12cm width in rolls upto 50m



Expansion joints

# SealArm Tape TPE

## High Performance Expansion Joint Sealing System

### Description:

SealArm Tape TPE is a high performance Joint Tape system for expansion joint. It can be used for connection joints as well as for cracks. When fixed to the joint, allows irregular and high movement in more than one direction, whilst maintaining a high quality seal.

### Advantages:

- Easy to install
- Suitable for both dry and damp concrete surfaces
- Extremely flexible
- Performs well within a wide range of temperatures
- Excellent adhesion to many materials
- Weather and water resistant
- Fast curing
- Suitable for contact with potable water
- Root resistant
- Good resistance to many chemicals
- Versatile system suitable for many difficult situations

### Areas of Application:

Sealing system for expansion, construction and Connection joints, as well as for cracks in:

- Tunnels and culverts
- Hydro electric power plants
- Sewage treatment plants
- Roof joints
- Basements
- Water retaining structures and drinking water reservoirs
- Joints between rigid and flexible surfaces
- Around iron, steel and concrete pipes
- Podium Expansion joints

### Packaging:

SealArm Tape TPE will be available in 10 cm and 20 cms width and length of 20 M

### Shelf Life :

Refer TDS

**Note:** Use ReArm bond 4031 as the bonding agent to fix SealArm Tape TPE

# SealArm Waterbar RS 800

## ReSwellable Hydrophilic Waterbar

### Description:

SealArm Waterbar RS 800 is a ReSwellable Hydrophilic Waterbar which is quick to install and has strong and secure swelling effects. It is a well-developed joining strip, economic and safe to use as compared to usual joint sealing methods.

### Advantages:

- Usually, approved for constructional usage
- Swells on contact with water
- Re-swellable in Nature
- Reduction in the cause of defects
- Non-sticky at high temperature
- Non-absorbent

### Areas of Application:

It is used for waterproofing of construction joints and connection joints, as well as for cracks in:

- Retaining wall – construction joints and starter joints
- Roof joints
- Basements
- Water retaining structures and drinking water reservoirs
- Joints between rigid and flexible surfaces
- Around iron, steel and concrete pipes

### Packaging:

In rolls of 25 m length, 4 NOS in one box

### Shelf Life :

Refer TDS







# Admixtures, Grinding Aids & Surface Treatment





# Armix ElleCrete P 101

## Water Reducing Concrete Admixture

### Description:

Armix ElleCrete P 101 is a chloride free water reducing admixture based on selected sugar-reduced Lingo sulphonates. It is supplied as a brown solution which instantly disperses in water. Armix ElleCrete P 101 disperses the fine particles in the concrete mix, enabling the water content of the concrete to perform more effectively and improving the consistency of the concrete. This produces higher levels of workability for the same water content, allowing benefits such as water reduction and increased strengths to be taken.

### Advantages:

- To improve the effectiveness of the water content of a concrete mix
- Higher dosages provide effective means of reducing concrete permeability and thereby reducing water penetration

### Standards compliance:

Armix ElleCrete P 101 conforms to IS: 9103-1999, and ASTM C494 Type A as normal water reducing admixture. It also complies with IS: 2645: 2003 as an integral Waterproofing compound.

### Coverage / Consumption:

Refer TDS

### Packaging:

20 Kg pail & 225 Kg drums.

### Shelf Life :

Refer TDS

# Armix EmmeCrete SP 111

## Medium Range Plasticizing Admixture

### Description:

Armix EmmeCrete SP 111 is super plasticizing high performance and high range water reducing & retarding admixture. The product is a blend of Ligno & Naptha to give water reductions up to 10% – 15% without loss of workability or to produce high quality concrete of reduced permeability. Armix EmmeCrete SP 111 is supplied as a brown liquid instantly dispersible in water.

### Advantages:

- Improved workability - Easier, quicker placing and compaction
- Increased strength - Provides high early strength if water reduction is taken advantage of
- Increased quality - Denser, close textured concrete with reduced porosity and hence enhanced durability
- Higher cohesion - Risk of segregation and bleeding minimized, thus aids pumping of Concrete
- Chloride free and suitable for high performance concrete.

### Areas of Application:

- To produce as pumpable concrete to cover several concrete applications.

### Standards Compliance:

Armix EmmeCrete SP 111 complies with IS: 9103:1999 & BS: 5075 Part 3 - 1985, and ASTM-C494M - 99a, 1999 Type 'D' as a high range water reducing admixture.

### Coverage / Consumption:

Refer TDS

### Packaging:

20 Kg & 250 Kg

### Shelf Life :

Refer TDS

# Armix HyyeCrete SP 200

## High performance water reducing and super plasticising admixture for high grade & microsilica concrete

### Description:

Armix HyyeCrete SP 200 is a super plasticizing high performance and high range water reducing & retarding admixture for High Grade Concrete. Armix HyyeCrete SP 200 is based on Sulphonated Napthalene Polymers and is supplied as a brown liquid instantly dispersible in water. It has been specially formulated to give high water reductions up to 25% without loss of workability or to produce high quality concrete of reduced permeability.

### Advantages:

- Improved workability - Easier, quicker placing and compaction
- Increased strength - Provides high early strength if water reduction is taken advantage of
- Increased quality - Denser, close textured concrete with reduced porosity and hence enhanced durability
- Higher cohesion - Risk of segregation and bleeding minimized, thus aids pumping of Concrete

### Areas of Application:

- Suitable for high performance concrete
- To produce pumpable concrete
- To increase workability without extra water
- To improve cohesion, minimizing segregation and give better finish.
- Chloride free, safe for use in prestressed and reinforced concrete
- Can be used with concrete containing microsilica and other cement replacements.

### Standards Compliance:

Armix HyyeCrete SP 200 complies with IS: 9103:1999 & BS: 5075 Part 3 - 1985, and ASTM-C 494 Type 'G' as a high range water reducing admixture.

**Coverage / Consumption:** Refer TDS

**Packaging:** 250 Kg

**Shelf Life :** Refer TDS

# Armix ElleCrete PC 5

## High Performance Water Reducing and Super Plasticizing Admixture Based on Modified PCE.

### Description:

Armix ElleCrete PC 5 based on PCE base Polymers and is supplied as a brown liquid instantly dispersible in water. It has been specially formulated to give High water reductions without loss of workability or to produce high quality concrete of reduced permeability.

It is specially designed for water reduction upto 30%

### Advantages:

- Improved workability - Easier, quicker placing and compaction
- Increased strength - Provides high early strength concrete and with reduced water contents precast concrete
- Improved quality – High Durability due Denser, close textured concrete with reduced porosity
- Higher cohesion - Risk of segregation and bleeding minimised; thus aids pumping of concrete
- Chloride free - Safe in prestressed concrete and with sulphate resisting cements and marine aggregates

### Areas of Application:

- To produce lower and medium grade concrete
- To produce pumpable concrete
- To produce high strength, high quality concrete by substantial reduction in water resulting in low permeability and high early strength
- To produce high workability concrete requiring little or no vibration during placing

### Standards Compliance:

Armix ElleCrete PC 5 complies with IS: 9103:1999 and BS 5075-Part 3 and ASTM-C-494 Type 'G'

**Coverage / Consumption:** Refer TDS

**Packaging:** 210 Kg & 225 Kg

**Shelf Life :** Refer TDS

# Armix EmmeCrete PC 10

## A High Performance Concrete Superplasticiser, Based On Polycarboxylic Technology

### Description:

Armix EmmeCrete PC 10 is a high performance super-plasticizer intended for applications where increased early and ultimate compressive strengths are required, Armix EmmeCrete PC 10 combines properties of water reduction and workability retention. It allows the production of high performance concrete and/or concrete with high workability. and it has been developed for use in:

- Self compacting concrete ,Pumped concrete
- Concrete requiring long workability retention.

### Advantages:

- Increased early and ultimate compressive strengths
- Increased flexural strength
- Higher E modulus
- Improved adhesion to reinforcing and prestressing
- Better resistance to carbonation
- Lower permeability
- Better resistance to aggressive atmospheric conditions
- Reduced shrinkage and creep
- Increased durability

### Areas of Application:

Armix EmmeCrete PC 10 is a high performance super-plasticizer intended for applications where increased early and ultimate compressive strengths are required, for use in:

- Self compacting concrete
- Pumped concrete with retention
- High performance concrete
- It is specially designed for water reducing upto 40%

### Standards Compliance:

Armix EmmeCrete PC 10 complies with IS: 9103:1999 and BS 5075-Part 3 and ASTM-C-494 Type 'G'

### Coverage / Consumption:

Refer TDS

### Packaging:

210 Kg & 225 Kg

### Shelf Life :

Refer TDS

# Armix HyyeCrete PC 20

## A High Range Water Reducing & Retarding Super Plasticizer Based On Polycarboxylic Technology

### Description:

Armix HyyeCrete PC 20 differentiated from conventional superplasticisers in that it is based on a unique polycarboxylic ether polymer with long lateral chains. This greatly improves cement dispersion. At the start of the mixing process an electrostatic dispersion occurs in the cement particle's capacity to separate and disperse. This mechanism considerably reduces the water demand in flowable concrete.

Armix HyyeCrete PC 20 combines properties of water reduction and workability retention. It allows the production of high performance concrete and/or concrete with high workability.

Armix HyyeCrete PC 20 is a particularly strong super-plasticiser allowing production of consistent concrete properties around the required dosage.

### Advantages:

- Improved workability - Easier, quicker placing and compaction
- Increased strength - Provides high early strength if water reduction is taken advantage of
- Increased quality - Denser, close textured concrete with reduced porosity and hence enhanced durability

- Higher cohesion - Risk of segregation and bleeding minimized, thus aids pumping of Concrete

### Areas of Application:

Armix HyyeCrete PC 20 is a high performance super-plasticizer intended for applications where increased early and ultimate compressive strengths are required, and it is for use in:

- Self compacting concrete
- Pumped concrete with retention
- High performance concrete
- It is specially designed for water reducing upto 40%

### Standards Compliance:

Armix HyyeCrete PC 20 complies with IS: 9103:1999 and BS 5075-Part 3 and ASTM-C-494 Type 'G'

### Coverage / Consumption:

Refer TDS

### Packaging:

210 Ltrs drums.

### Shelf Life :

Refer TDS

# Armix HyyeCrete PC 30

## High Early Strength, High Range Water Reducing / Superplasticising, Admixture For Precast Concrete

### Description:

Armix HyyeCrete PC 30 is an admixture of a new generation based on second-generation polycarboxylic ether polymer with high early strength gains. It is free of chloride & low alkali. It is compatible with all types of cements. Armix HyyeCrete PC 30 combines properties of water reduction and workability retention. It allows the production of high performance concrete and/or concrete with high workability.

### Advantages:

- Achieve high early strengths
- Produces Rheoplastic and Rheodynamic concretes having a low water cement ratio
- Optimise curing cycles by reducing curing time or curing temperatures
- Eliminates heat curing
- Eliminates the energy required for placing, compacting & curing
- Increases productivity/ reduction in cycle time
- Improves surface appearance
- Produces durable precast concrete elements
- Improved engineering properties, compared to traditional superplasticiser such as early and ultimate compressive and flexural strengths, reduced shrinkage and low permeability

### Areas of Application:

Armix HyyeCrete PC 30 is suitable for making precast concrete elements at all workability's including Rheoplastic or Super workable concrete having fluid consistence, no segregation, a low water binder ratio and, consequently high early and long term strengths. It can also be used for the production of SCC (Self Compacting Concrete).

### Standards Compliance:

Armix HyyeCrete PC 30 complies with IS: 9103:1999 and BS 5075-Part 3 and ASTM-C-494 Type 'F' & Type 'E'

**Coverage / Consumption:** Refer TDS

**Packaging:** 20 Kg drums.

**Shelf Life :** Refer TDS

# Armix AC

## Chloride Free Accelerating and Water Reducing Admixture

### Description:

Armix AC is guaranteed completely free of all forms of chloride and is supplied as a light straw colored Liquid.

### Advantages:

- To accelerate the setting and early strength gain of Portland cement concrete and mortar mixes without the introduction of chloride
- As a plasticiser, it gives significant increases in both ultimate and early strengths
- Typical applications include precast concrete, concrete placed in cold weather, concrete for repairs / mortars for brickwork

### Areas of Application:

- Chloride free, safe in prestressed and reinforced concrete
- Produces exceptionally high early strengths

- Plasticizing action gives increased workability and / or increased strengths
- Early setting improves frost resistance

### Standards Compliance:

Armix AC complies with BS: 5075 Part 1 - 1985, and ASTM-C 494 Type 'C'

**Coverage / Consumption:** Refer TDS

**Packaging:** 5 Kg, 20 Kg & 250 Kg

**Shelf Life :** Refer TDS

# Armix Retard

## Water Reducing / Retarding Admixture

### Description:

Armix Retard is a chloride free water reducing / Retarding admixture based on selected hydroxy carboxylic materials. It is supplied as brown solution which instantly disperses in water. Armix Retard disperses the fine cement particles in the concrete enabling the water content of the concrete to perform more effectively. The initial hydration of the cement is also delayed, resulting in a delay in the setting time of the concrete with no adverse effect on subsequent stiffening and strength gain.

### Advantages:

- Water reduction significantly improves compressive strengths at all ages and enhances durability through the production of low permeability concrete
- Controlled retardation extends working life and stiffening time for ease of construction
- Control of stiffening improves slip forming and assists in preventing the formation of cold joints in large pours
- Allows specified strength grades to be met at reduced cement content or increased workability

### Areas of Application:

- To improve the effectiveness of the water content of a concrete mix
- To extend the setting time of concrete, extending working times and minimizing delay problems
- To extend the working life of semi-dry concrete screeds
- Particularly suitable for use in mixes having fly ash and also improve the working life of semi dry concrete mixes, specifically RCC (Roller Compacted Concrete) type of mixes

### Standards Compliance:

Armix Retard complies with BS: 5075 Part 1 - 1985, and ASTM-C 494 Type 'B' and 'D'.

### Coverage / Consumption:

Refer TDS

### Packaging:

20 Kg & 250 Kg

### Shelf Life :

Refer TDS



# Armix ACL

## Chloride Based Accelerating Admixture For Plain Cement Concrete And Mortar (without Steel).

### Description:

Armix ACL is a liquid accelerating admixture for plain cement concrete & mortar. It is designed to accelerate the normal setting time of concrete. It increases early strengths of the concrete and mortars. It is intended to improve the physical and engineering properties of concrete such as workability, compressive and flexural strengths.

### Advantages:

- Prevent the delay of construction jobs in cold weather
- Reduces initial setting time of concrete
- Increases strengths of concrete and mortar
- It minimizes bleeding of water in concrete mix
- It provides high early strength for fast demoulding from framework
- Non-toxic

### Areas of Application:

- Concrete Blocks.
- Concrete pipes.
- Precast elements
- Cold weather masonry work for use in stucco, brick laying, blocks and clay tile laying to accelerate the setting and early strength gain in concrete and mortar mix.

### Standards Compliance:

Armix ACL complies with BS: 5075 Part 1 - 1985, and ASTM-C 494 Type 'C'

**Coverage / Consumption:** Refer TDS

**Packaging:** 5 Kg, 20 Kg & 250 Kg

**Shelf Life :** Refer TDS

# Armix AFA

## High Performance Alkali-free, Liquid Set Accelerator For Sprayed Concrete

### Description:

Armix AFA is a high performance alkali free set accelerator for sprayed concrete. It is a liquid admixture whose dosage can be varied to the desired setting and hardening times.

### Advantages:

- Armix AFA is ideally suited for wet mix sprayed concrete for rock support, because:
- The quick setting property allows rapid work progress and the ability to construct thick sprayed concrete linings via layered application during one construction sequence
- The unique product formulation provides extremely fast setting coupled with continual early-age strength development. Good longterm strength and durability are also achieved
- Armix AFA is a liquid product and thus provides easy handling as well as facilitating accurate addition to the concrete
- Since the product is non-aggressive it provides improved working safety, reduced environmental impact costs. and lower handling

### Areas of Application:

Armix AFA is suitable for all applications, where exceptionally high early strength, good final strength and extremely thick layers are required.

- Temporary and permanent rock support in tunnels
- Rock support in mining
- In poor ground conditions
- Slope stabilization
- Also suitable for acceleration

### Storage & Shelf life:

Armix AFA must be stored at minimum +5°C and maximum +35°C. (optimum temperature for storage and performance is +20°C). If required for storing of Armix AFA should be stored in closed containers, made of plastic, glass fiber plastic. Armix AFA must not be stored in normal steel containers as the pH can cause corrosion that might affect the performance of the product. After prolonged storage we recommend that Armix AFA be always fully agitated prior to use by mechanical stirring or re-circulation pumping. If stored in tightly closed original containers under the above given conditions, Armix AFA has a shelf life of 3 months.

**Dosage:** Refer TDS

**Packaging:** 275 Kg HDPE Drums

# Armix Form FR1/FR2/FR9

## Ready To Use & Concentrated Mould Release Agent

### Description:

Armix Form FR1/FR2/FR9 is formulated mixture of mineral oils and special chemical additives which helps in easy release of form work and provides an excellent finish to the concrete. Armix FORM FR1/ FR9 is a ready to use product and should be applied in a thin layer to the inner face of the mould or form work prior to casting of concrete. Armix FORM FR2 is a concentrated product and needs to be diluted with water at the site in the ratio of 1:4.

### Advantages

- Non-Staining
- Ensures easy release
- Extended life of form work

- Does not corrode steel
- Minimizes cleaning of shutters before re-use
- For clean, easy and stain free release of concrete moulds
- For extended life of form work.

### Packaging:

Armix Form FR1: 20 Ltrs & 200 Ltrs

Armix Form FR2: 20 Ltrs & 200 Ltrs

Armix Form FR9: 20 Ltrs & 200 Ltrs

### Shelf Life:

Refer TDS

# Armix Cure PB

## Polymer Based Concrete Curing Compound

### Description:

Armix CURE PB is a single component low viscous polymer based concrete curing compound Conforming to BS: 7542-1992, ASTM: C309. It is a film forming curing compound formulated from synthetic polymers, which prevents water loss from concrete when applied over the green concrete surface. It is suitable for spray application and on coming in contact with the cementitious surface this forms a film which is break-free, non-penetrating, Aluminum textured polymeric film ensuring moisture retention. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement, essential for optimum strength development.

### Advantages:

- Once applied, no external curing is required
- Eliminates risk of inconsistency in curing and enhances concrete quality
- Eliminates risk of shrinkage cracks
- Single spray application over the concrete/masonry surface will suffice for the entire curing period. There is no need to over-coat
- Does not contain chlorides

### Areas of Application:

- Ideal for curing newly cast concrete by spraying immediately
- Useful substitute for water curing in huge highway projects, kerbs, bridges, pavements etc
- Ideal for curing sloped and vertical surfaces like in case of canal lining, chimneys, silos, towers etc.

### Packaging:

20 Kg & 210 Kg

### Shelf Life :

Refer TDS



# Armix Cure WB

## Wax Based Curing Compound

### Description:

Armix Cure WB is a white liquid for spraying on freshly cast concrete or newly exposed concrete surface after removal of form work, to form a temporary film which will retain sufficient moisture for effective curing to take place. It is basically a low viscosity wax emulsion. This impervious film prevents excessive water evaporation and in turn helps the concrete to more efficient hydration.

### Advantages:

- Protects freshly placed concrete against optimum hydration leading to stronger end hydration product
- Single Application: no external water curing or other source of curing is required
- Good solar reflective, which keeps the concrete temperature low, especially when a freshly laid concrete can be applied very easily
- Reliable, Ensures that cement hydrates efficiently bond. It can be cleaned with high pressure water jet

### Areas of Application:

Can be used where water curing is practically a problem like Chimneys, and other highly placed structures and also segments of concrete where day to day monitoring of water curing is not possible.

### Packaging:

20 Kg & 200 Kg

### Shelf Life:

Refer TDS



# Armix Cure RB

## Resin Based Concrete Curing Compound

### Description:

Armix Cure RB is a single component sprayable low viscous Syntetic based liquid, film forming curing compound (Conforms to BS: 7542-1992), (ASTM: C309). It prevents water loss from concrete when it is applied over green concrete surface. It is suitable for spray application to freshly poured concrete. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement, essential for optimum strength development.

### Advantages:

- Forms a break-free, non- penetrating aluminum textured polymeric film with cementitious surface
- Improves cement hydration
- Reduces thermal impact
- The formed film disintegrates naturally
- Eliminates risk of shrinkage cracks
- Does not contain chlorides

### Areas of Application:

- Ideal for curing newly cast concrete by spraying immediately after removal of forms
- Useful substitute for water curing in huge highway projects, kerbs, road dividers, bridges, pavements, etc where water curing cannot be relied upon.
- Ideal for use in small repair jobs like spalling rectification, repairs in occupied buildings, etc., where water curing may not be practically possible
- Ideal for curing sloped and vertical surfaces like in case of Canal linings, chimneys, silos, towers, columns and beams.

### Coverage :

Refer TDS

### Packaging:

20 Ltrs & 210 Ltrs

### Shelf Life :

Refer TDS

# Armix VMA

## High Performance Viscosity Modifying Agent (VMA) For Stable and Homogeneous Flowing Concrete, Mortars and Grouts

### Description:

Armix VMA is particularly suitable for self compacting concrete applications. It gives excellent stability to hydraulic binder based materials. Armix VMA limits bleeding, segregation and sedimentation of concrete, mortars and grouts. In particular, it makes possible to manufacture concrete with high fluidity being able to be placed by gravity, without any means of vibration. The addition of VMA allows to obtain concrete with high quality surface finish, and also allows to remove some of the harmful effects related to the use of mechanical means of placing (noise etc.)

### Advantages:

- Limits bleeding / Segregation
- Limits sedimentation
- High fluidity of concrete

### Areas of Application:

- Self compacting concrete and mortars
- Buildings
- Structures
- Precast
- Industrial Grounds
- Concrete and mortars sensitive to segregation and Bleeding Grouts containing ultra fine binders

### Dosage:

Refer TDS

### Packaging:

20 Kg pail & 200 Kg drums.

# Armix Pump AID-P

## A Liquid Admixture For Aiding The Pumpability and Finish of Concrete

### Description:

Armix Pump AID-P is an admixture designed to aid the pumpability and finish of concrete. It prevents excessive wear of concrete pumps and increases output. It is non-flammable, non staining and essentially non-toxic.

### Advantages:

- Provides a thixotropic quality to the concrete and improves cohesiveness, workability, pumpability and finish
- Improves output, reduces wear of concrete pumps and lines
- Improves consistency of flow and reduces pump pressure
- Supplied in liquid form for easy dispensing
- Reduced segregation and bleeding
- Enables the pumping of concrete containing harsh or porous lightweight concrete
- Controls workability changes due to aggregate variation

### Areas of Application:

Armix Pump AID-P can be used in all types of concrete and concrete products. This product is especially suitable for concrete with the inclusion of manufactured sands, lean mixes, concretes with deficient grading and lack of fines, also for long pumping distances.

### Coverage :

Refer TDS

### Packaging:

100 gm & 200 gm

### Storage:

Armix Pump AID-P should be stored away from direct sunlight and at temperatures below 35°C and above 5°C.s

### Shelf Life :

Refer TDS

# NOTES

# SOME OF OUR ESTEEMED CLIENTS

## PUBLIC SECTOR COMPANIES

- BHEL
- AIRPORT AUTHORITY OF INDIA
- BEML
- BHARAT FORGE

## PRIVATE COMPANIES

- ADITYA BIRLA CENTRE
- ALIENS SPACE STATION
- AMIT BLOOMFIELD
- ANRAK ALUMINIUM LIMITED
- ASHOK LEYLAND
- AUTOLITE INDUSTRIES LTD
- BAJAJ AUTO LIMITED
- BHARAT FORGE
- BIG BAGS INDIA LIMITED
- BIRLA CELLULOSE
- BOSCH INDIA LTD
- CNN-IBN STUDIO
- DALMIA CEMENT LIMITED
- DR. REDDY LAB
- FLAGSHIP INFRASTRUCTURES PVT.LTD.
- GAYATHRI PROJECTS
- GOEL GANGA DEVELOPMENTS
- GUJRAT PIPAVAV PORT LTD
- GVR INFRA
- HYATT HOTELS
- ICICI BANK
- INDIA CEMENTS
- ITC BHADRACHALAM
- FLAGSHIP INFRASTRUCTURE PROJECTS LTD.,
- JKPL LTD.,
- G CORP LTD.,
- GEA WEST FALIA
- LAFFANS PETROCHEM
- LARSEN AND TOUBRO LIMITED
- LEONIA RESORTS
- MAGARPATTA TOWNSHIP DEVELOPMENT
- MARUTI UDYOG LIMITED
- MEENAKSHI INFRASTRUCTURES LIMITED
- MINDA LIGHTENING LTD.
- NAMAN CENTRE
- NANDED CITY

- PARASHAKTHI CEMENTS LIMITED
- PARANJAPE SCHEMES (CONSTRUCTIONS) LTD.
- PENNA CEMENT INDUSTRIES
- PROPACK SHREINER PVT. LTD.
- RIETER INDIA PVT.LTD.
- RPG LIFESCIENCE LTD
- SCIGEN BIOPHARMA
- SIMPLEX INFRASTRUCTURES
- SOBHA DEVELOPERS LIMITED
- SOFITEL HOTELS
- SOMA ENTERPRISES LTD.
- SUCHETA KRIPLANI HOSPITAL
- SUDHAMAYI FOODS PVT LTD
- SURYALATHA SPINNING MILLS
- TRIVENI AVIATIONS
- VARUN BEVERAGES
- VEER CHEMIE
- VENKATESH EQUIPMENTS PVT LTD.
- ZIEMANN INDIA
- ZUARI LIMITED

## GOVT. ORGANISATIONS

- NHAI
- CPWD / PWD
- RBI
- MES
- HSIIDC
- INDIAN OIL CORPORATION LTD
- ONGC
- DRDO / DMRC
- HYDERABAD GROWTH CORRIDOR

## READY MIX COMPANIES

- ACC CONCRETE
- IJM CONCRETE
- GODREJ
- RDC CONCRETE (INDIA) PVT.LTD.
- ULTRA TECH (GRASIM INDUSTRIES LTD. BIRLA READY MIX)
- APARNA ENTERPRISES
- RMC INDIA
- SARVANI CONCRETE INDIA
- SEPL LTD.,

And many more...



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