



MYK
arment[®]

**Armed to deliver
World-class
Flooring & Coating
Solutions**

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arment[®]

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ASSOCIATED



Excellence is a preference

At MYK Arment, we believe that the construction industry looks for solutions that are innovative, yet durable and reliable. Specifically, with the industry undergoing change due to rapidly evolving customer preferences and expectations, new age materials bring in a host of tangible efficiencies in terms of both cost and construction quality.

Precisely how our innovative range of products enable efficient use of construction material and builds structures with the essential traits of modernity and sustainability. Our products and solutions are the results of our evolved relationships with architects, contractors, specifiers, suppliers and their customers.

Every aspect of our product is engineered to usher in the ease of application across construction areas. Specifically, our products ensure:



Improved material
performance



Greater reliability
and durability



Cost efficiency
on time and effort



Environmental
sustainability

Reflecting the new age

The winds of modernity have ushered in new standards where design creates functional value, materials spawn innovation, smart space management and green benefits by way of sustainable architecture. Needless to say, budgets, longevity and aesthetics have become benchmarks for making decisions on construction material. There is a growing realization that costs of repair and afterthoughts are often expensive and many times demand structural changes.

MYK Arment's products carry unique brand names to reflect the essential traits that our stakeholders look for while choosing the right construction chemical.



Capabilities that spawn innovation

Efficiency and application expertise have been the guiding principles of the global construction chemical industry. For this, we are continuously investing in innovation and new product development and rolling out products that fit into the needs of the industry.

MYK Arment's products are backed by a strong line-up of service capabilities, which translate into better value for our stakeholders and brighter relationships for the future. Our product range includes admixtures, grouts and anchors, repair mortars, bonding agents, adhesives, flooring & coating, curing and sealing compounds, dry shake hardeners, joint fillers, sealants, densifiers waterproofing, repair and other products.

Manufactured under stringent quality controls by adhering to best global practices, we employ cutting edge technologies. MYK Arment's manufacturing units are strategically located across India to ensure efficient supply and logistics.



FloArm

Flooring and Coatings



Flooring and Coatings with FloArm

Be it quality of life or productivity at work, floors form the base on which every activity happens. Unarguably, floors are high visibility areas and hence have a huge bearing on the maintenance cost and longevity of the structure. Efficiency, safety and hygiene have to be factored in before choosing the right material for floors. More importantly for industrial flooring, today's advanced nature of production methods and practices require a proactive consideration.

MYK Arment's range of products and solutions for flooring and coatings are industry-specific, which means no guesswork or cutting corners when it comes to quality and durability of the structure. Our teams collaborate and work at every stage of construction, understand nature of activity and environment, help with technical advice and the correct product for flooring.

Why flooring matters?

While every floor is made of concrete, it has to meet key requirements to lend efficiency, durability and longevity of the structure. Often, floors endure heavy use and abuse which impact everything that happens on it. Inadequate understanding of floor usage and poorly installed material leads to damage compounding into hygiene and aesthetic issues. These often demand repairs and redesigning, which again attracts cost.

Clean Roofs/
Hygienic

Impact
resistant

Thermal shock
resistant

Resistance to
chemicals and
environment

Anti static

Dielectric

Moisture
resistant

High wear
& tear

Good
abrasion
resistance

Aesthetics

Impervious
in nature

Heavy load
bearing
capability



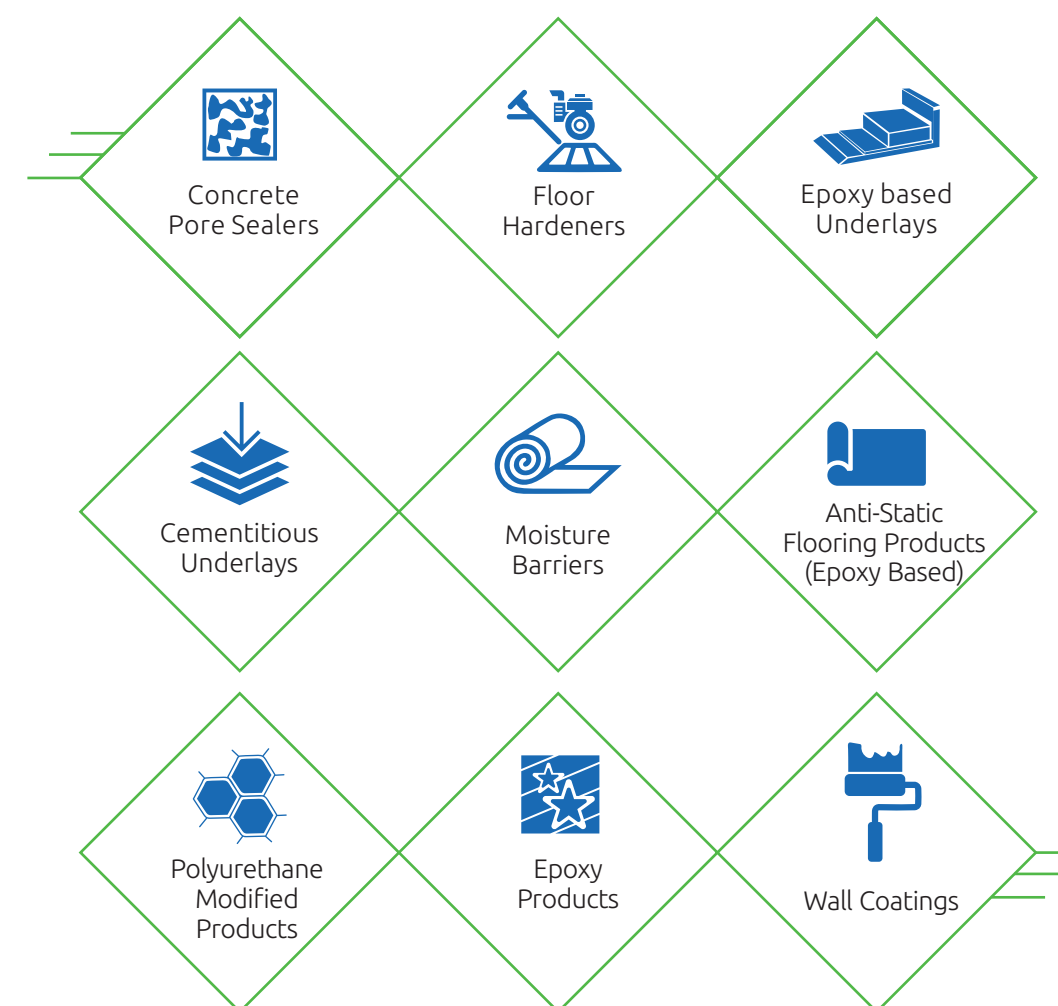
Industry specific applications

Specifically, some of the floor areas that are critical in many industries are work floors, car parks, warehouses, laundry facilities, factory floors etc. Broadly, our products and solutions are designed for the following industries.



Ensuring endurance and longevity

MYK Arment's range of products and solutions for floors cover every nook and corner of structure without compromising on the quality and expectations of clients.



Our collaborative and consultative nature of work enables our experts to zero-in on the right product and solution to eliminate exorbitant afterthoughts. This helps clients to exercise tighter budgetary control and command greater value for their construction expertise.

Moreover we also have products that address specific issues such as oil/grease contamination on floors, broken dusty floors, next day usage etc.





Flooring begins with FloArm

Our vast range of products for Flooring and coatings give the flexibility to pick and choose a mix of solutions specific for each application area.



Warehousing

Our solutions for warehouses help maintain dust-free environment and protect the floors from abrasion due to trolley and other vehicular movement used for storing and dispatching products.

FloArm Hard Q for Warehousing (recommended product)

Ready to use non-metallic floor and 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.

Advantages

| | | | |
|--|-----------------------------------|--|-------------------------------|
| | Good wear and abrasion resistance | | Long life and low maintenance |
| | Non slip & anti skid | | Non-rusting |
| | Facilitates easy cleaning | | |

Technical Properties

- Moh's Hardness: 7 to 8
- Compressive Strength: - 40 N/mm² for 7 days - 50 N/mm² for 28 days

FloArm Seal 23 for Warehousing (recommended product)

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. | | Quick drying |
| | Helps control dust | | Good adhesion to old / new concrete floors |
| | Effectively cures and seals concrete surfaces in a single, economic operation | | Easy application by spray or roller |
| | Good abrasion resistance | | High level of imperviousness |
| | No peeling | | |

Technical Properties

- Bond Strength: Minimum 1.5 N/mm²
- Chemical resistance: Normal chemical resist





FloArm
Flooring and Coatings



Engineering

Engineering companies employ heavy equipment on shop floors which are subject to heavy wear and tear. The floors need to withstand heavy load bearing capacity and high impact resistance. Some manufacturing processes also involve usage of chemicals.

FloArm Top SL2 for Engineering Industry (recommended product)

FloArm Top SL2 is a four component solvent free epoxy based self leveling system pre-weighed for on-site mixing. The floor provides a hard wearing, smooth light reflective impervious and easy to clean treated surface.

| | | | | |
|------------|--|---|--|-----------------------------------|
| Advantages | | Chemical resistant | | Available in wide range of colors |
| | | Hygienic seamless floor - easy to clean | | Anti skid |
| | | Abrasion resistant | | Easy to apply |
| | | | | |
| | | | | |
| | | | | |

Technical Properties

- Compressive Strength approx. 50 N/mm² @ 30°C after 7 days
- Flexural Strength approx. 25 N/mm² @ 30°C after 7 days • Foot Traffic 24 hrs @ 30°C, 48 hours @ 20°C
- Vehicular Traffic 48 hrs at 30°C • Chemical Resistance 7 days at 30°C • Shore D Hardness 7 days: 70-80



FloArm Top HPU 4 Plus (Polyurethane Modified System of 4mm Thickness) for Engineering Industry (recommended product)

FloArm Top HPU 4 Plus is a Polyurethane modified flooring system which provides a smooth protective polyurethane resin floor finish combining outstanding wearing properties with high chemical resistance and having a matt finish. It is ideally suited in aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential.

| | | | | |
|------------|--|--|--|--|
| Advantages | | Low VOC | | Can be steam cleaned* |
| | | Food grade | | Resistant to a wide range of chemicals and liquids |
| | | Extremely durable and abrasion resistant | | |
| | | | | |
| | | | | |
| | | | | |

Technical Properties

- Compressive Strength approx. 48 - 51 N/mm² • Flexural Strength approx. 21 N/mm²
- Tensile Strength approx. 8 N/mm² • Slip Resistance: Dry > 70 / Wet > 40



Also available in anti static and options for common RAL Shades.
*At thickness of 10mm onwards





FloArm
Flooring and Coatings



Pharmaceutical


Safety and hygiene are the benchmarks for any pharmaceutical process. Specifically, floors need to withstand the onslaught of chemicals and other corrosive materials. Floors that are seamless and free from joints and crevices are the mandates that not only improve operational efficiencies and individual effectiveness, but also attain statutory and regulatory compliances.


FloArm Top SL1


(Epoxy based Self-levelling System of 1mm Thickness)
for Pharmaceutical Industry (recommended product)


FloArm Top SL1 is a three component solvent free epoxy based self leveling system pre-weighed for on-site mixing. This floor provides a hard wearing, smooth light reflective, impervious and easy to clean treated surface.


Advantages

 Durable

 Easy to apply

 Chemical resistant

 Self levelling

 Hygienic

Technical Properties

- Compressive Strength approx. 75 N/mm² @ 30°C after 7 days
- Flexural Strength approx. 30 N/mm² @ 30°C after 7 days
- Foot Traffic 24 hrs @ 30°C, 48 hrs @ 20°C • Vehicular Traffic 72 hrs at 30°C
- Chemical Resistance 7 days at 30°C • Shore D Hardness 7 Days : 70-100





FloArm Coat ARC Floor


(Epoxy based Acid Resistant Coating System)
for Pharmaceutical Industry (recommended product)


FloArm Coat ARC is an epoxy based Acid Resistant Coating System which is room-temperature cured with 100% solids.

Advantages

 Superior resistance to concentrated acids

 Excellent adhesion to concrete surfaces

 Applied with brush or roller

 Can be applied on floor and wall

Technical Properties

- Pot Life @ 27°C approx. 15 minutes • Application Temperature 20 to 30°C
- Minimum Recoat Time @ 27°C 6-8 hrs approx. 18 N/mm²
- Initial Cure Time 24 hrs @ 30°C • Full cure time 10 days • Flexural Strength 30 N/mm²
- Compressive Strength 65 N/mm² • Acid Resistant As per List in the Data Sheet





Hospital / Clean Rooms







High number of footfalls in hospital / clean rooms industry make floors prone to a lot of issues like hygiene and cleanliness. A combination of MYK Arment's products ensure requirements of the industry are met without needing to realize later.

FloArm Top HPU 4 Plus

(Polyurethane Modified System of 3mm Thickness)

for Hospital / Clean Room Applications (recommended product)

Floarm Top HPU 4 Plus is a Polyurethane modified flooring system which provides a smooth protective floor finish suitable for applications in wet and dry environments. It is ideally suited in areas where a seamless, joint free finish is required and maximum cleanliness is essential.

| | | |
|------------|--|---|
| Advantages |  Extremely durable and abrasion resistant |  Low VOC |
| |  Impact resistance |  Food grade |
| |  Can be steam cleaned* |  Resistant to skid |

Technical Properties

- Compressive Strength approx. 48 - 51 N/mm² • Flexural Strength approx. 21 N/mm²
- Tensile Strength approx. 8 N/mm² • Slip Resistance: Dry > 70 / Wet > 40









*At thickness of 10mm onwards

FloArm SL Dissipative

(Epoxy based Anti-static Self-levelling System)

for Hospital / Clean Room Applications (recommended product)

FloArm SL Dissipative epoxy based self levelling system consists of blended epoxy resins, curing agents, graded inert aggregates. They are flow applied floor toppings for use on a thickness of 2mm. When laid, FloArm SL Dissipative system provides a seamless, smooth and light reflective surface.

| | | |
|------------|--|--|
| Advantages |  Static control |  Aesthetic appearance |
| |  Hygienic |  Chemical resistant |
| |  Durable |  Easy maintenance |

Technical Properties

- Pot Life @ 23°C approx. 30 minutes • Flexural strength approx. 25.0 N/mm²
- Tensile strength approx. 16, 0 N/mm² • Tensile adhesion strength after 7 days at +30°C B1, 5
- Surface Resistivity: 10⁶ to 10⁹ ohm





Commercial Floorings



Construction practices are coming of age. Specifically, commercial structures need to have cementitious underlays for carpets/vinyl floorings. Levelling screeds form a key area where the need of the day is to have less thick screed with more strength and durability to withstand dynamic loads. These screeds help to reduce thickness thereby reducing the overall dead-load of the structure.

MYK Arment's products for commercial flooring meet all the standards of quality that ensure life and longevity of commercial floorings.

FloArm Soloplan 30M

(Cementitious Self-levelling System upto 30mm Thickness)
for Commercial Floorings (recommended product)

FloArm Soloplan 30M is a premixed self levelling compound water at the job site. In a powder form comprising of specially selected binders, well graded sand and synthetic polymers plasticizing agents and other ingredients, requiring only addition of water at the job site.

Advantages



Self leveling



Quick and easy to mix



Rapid curing



Good adhesion



Chloride free



Very low VOC



Rapid installation

Technical Properties

- Compressive Strength 12 N/mm² after 7 days • 15 N/mm² after 28 days
- Flexural Strength 3 N/mm² after 7 days • Pot Life approx. 20 minutes at 23°C

FloArm Screed ECO

(Screed Admixture)

for Commercial Floorings (recommended product)

Screed admixture 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 25 mm unbonded 35 mm

Technical Properties

- FloArm Screed Eco is compatible with OPC 43 or 53 grade cement
- The chemical composition of FloArm Screed Eco does not affect the properties of separation layers or heating pipe material
- Strength Achieved in up to 28 days
- Bonded screed can be laid in single layer from 25-100 mm in combination with FloArm Primer BA bonding-slurry
- Unbonded screed can be laid in single layer from 35-100 mm, for industrial or heavy duty usage generally recommend 50 mm





Moisture Barrier in Manufacturing

Production lines in manufacturing units depend entirely on the readiness and robustness of the flooring. Here, moisture plays a key role in the health of the flooring, more so because moisture poses challenges by creating bubble formation, debonding, pin holes, etc.

FloArm Cempo 4

for Moisture Barrier Underlay (recommended product)

FloArm Cempo 4 is a four part epoxy modified cementitious, fine textured mortar for self smoothing floor screeds in thin layers of 4 to 7 mm.

Advantages

- | | |
|--|--|
|  Can be Top Coated with Resins within 48 hours |  Frost and de-icing salt resistant |
|  Prevents Osmotic Blistering of Resin based Coatings / Toppings |  Contains no solvents |
|  Good resistance to water |  Very low VOC |
|  Good levelling properties |  Will not corrode reinforcement |
|  Economical |  Excellent early / final mechanical strengths |
|  Fast & Easy application | |

Technical Properties

- Compressive Strength 50 N/mm² after 28 days • Flexural Strength 10 N/mm² after 28 days
- Water Absorption Coefficient approx. 0.07 kg/m² x h^{0.5} (According to DIN 52 617)
- Water Vapour Diffusion Coefficient (μH₂O) approx. 175



Car Parking System

Metropolitan life is characterised by commuting to work, shopping or recreation. As such, car parking is a central and a decisive issue where commercial flooring becomes a contentious issue. Car parks are expected to be dust free, devoid of any cracks, aesthetically appealing and hygienic.

The bustling movement of cars, pedestrians subject the parking floors to myriad stresses in the form of automotive fluids, atmospheric carbonation, rainwater, de-icing salts, thermal variations and groundwater.

MYK Arment's car parking system ensures longevity of the flooring and helps eliminate exorbitant maintenance and repair costs.









FloArm DeckCoat M

(Epoxy based Car Parking Self-levelling System)

for Car Parking System (recommended product)

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

Advantages

- | | |
|---|--|
|  Easy and fast application |  Semi-glossy aesthetic finish |
|  Abrasion resistant |  Light refractive – does not reflect headlight beam |
|  Chemical resistance |  Economical |
|  Fuel resistant |  Easy to clean |

Technical Properties

- Abrasion Resistance ~ 0.8mm thickness loss • Pot Life 30 minutes @27°C
- Bond Strength > 1.50 N/mm² • Skid Resistance 46 as per ASTM E 303





FloArm

Flooring and Coatings

Colour Shade Card - EPOXY Flooring & Coating Products

| | | | | | |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | | | | |
| 1610 White | 1630 Aquamarine Green | 1690 Super White | 1679 Pastel Green | 1629 Jade Green | 1678 Pebble Grey |
| | | | | | |
| 1710 Beige | 1671 Pastel Blue | 1680 Rose Pink | 1655 Light Sky Blue | 1672 Smoke Grey | 1844 Magenta Red |
| | | | | | |
| 0222 MYK Grey (Ral-7038) | 1770 Light Grey (Ral-7001) | 1755 STD Grey (Ral-7035) | 1653 Bus Green (Ral-6029) | 1631 Leaf Green (Ral-6001) | 1625 Parrot Green (Ral-6018) |
| | | | | | |
| 0223 Black (Ral-5004) | 1695 French Blue (Ral-5000) | 1677 Oxford Blue (Ral-5013) | 1607 Nile Blue (Ral-5015) | 1694 Golden Brown (Ral-8000) | 1678 Silver Grey (Ral-7034) |
| | | | | | |
| 1611 Signal Red (Ral-3001) | 1605 Red Oxide (Ral-3009) | 1604 P.O. Red (Ral-3002) | 1779 Light Ivory (Ral-1013) | 1644 Ivory (Ral-1015) | 1640 Golden Yellow (Ral-1003) |
| | | | | | |
| 1626 Lemon Yellow (Ral-1018) | 0251 Buff Yellow (Ral-8001) | | | | |

Colour Shade Card - FloArm Top HPU Series

| | | | | | |
|----------------------------------|---------------------------------|----------------------------------|-----------------------------------|--------------------------------------|---------------------------|
| | | | | | |
| 8273 Olive Grey (Ral-7002) | 0724 Cream (Ral-1002) | 8279 Dusty Grey (Ral-7037) | 8386 Quartz Grey (Ral-7039) | 0715 Yellow (Ral-8001) | 0713 Red (Ral-3009) |
| | | | | | |
| 8382 Pure Green (Ral-6037) | 8253 Dark Grey (Ral-7043) | 8272 Orange (Ral-2001) | 0716 Green (Ral-6024) | 8381 Brilliant Blue (Ral-5007) | 8107 Audi Grey |

*Note: The Colour Shades displayed above are indicative and not precise representations of actual shades.

Key project executed

