AquaArm Set Guard

(Formerly known as MYK Set Guard)

Waterproofing Slurry

MYK arment®

TECHNICAL DATA SHEET

Product Description

AquaArm Set Guard is a rigid hardening, cement based waterproofing material. AquaArm Set Guard is made of quartz sand, Portland cement and additives. It does not contain any materials, which may cause any negative effects on rein for cement or concrete. AquaArm Set Guard hardens to a rigid impervious layer. If subsequent cracking of the surface is possible, use AquaArm SuperFlex.

.

Uses

- Waterproofing on concrete, masonry and plaster, for interior and exterior use, in the following areas of application:
- Civil engineering: Earth covered constructions, sewage works, water tanks, swimming pools, heating pipes, pits etc.
- Building construction: Cellars, potable water tanks.
- Water construction: Storage lake walls, pools, tunnels, sluices.
- Older building: Not protected against posterior
- Constructions: Moisture and soaking water.

Features and Benefits

- Economic, 1-component,cementitious waterproofing coating
- Applied above or below grade
- Resists strong hydrostatic pressure
- Applied to positive or negative water pressure side
- Easy to use - needs only to be mixed with water prior to application
- Not a vapor barrier - lets concrete "breathe"

Application Methodology

Step no 1: Surface preparation

The surface must be of load bearing capability, largely plain, free of pockets, cracks and ridges, free of foreign matter, and free of oil, grease, paint or bitumen. Cement Paste and settle able solids have to be abraded. The surface has to be moistened. Brick work areas have to be built with joints in cement mortar. Existing gravel pockets in the concrete as well as the bar spacers removed up to a depth of approx. 2 cm have to be filled with mortar (mortar group III) with the application of ReArm Bond SBR. In staggered corners, concave moldings made of cement mortars using ReArm Bond SBR have to be placed. During the application and the time of hardening avoid large surface ponding. Coarse pored surfaces cause a higher consumption.

Step no 2: Mixing

25 kg AquaArm Set Guard on 6.7 Lit tap water.

Mixing time: 3 minutes

Step no 3: Instruction for use

AquaArm Set Guard is supplied in powder form. It has to be mixed on site with clean water in a clean vessel until it becomes a workable mass that can be sprayed or brushed. The surface should be pre-treated in the necessary way. Application must be ensued in several coats at a consumption of 1- 2 kg/m2 per coat. Green AquaArm Set Guard coats have to be protected against direct sun influence, draft air, rain and frost.

Cleaning: In green state with water, dry material is difficult to be removed

AquaArm Set Guard

(Formerly known as MYK Set Guard)

Waterproofing Slurry

MYK arment®

TECHNICAL DATA SHEET

Technical Data

Basis	Sand/cement, polymer improved
Specific gravity of the ready mortar	1.85 kg/l
Pot life	30 minutes @ 23ºC
Application temperature	+ 5ºC to + 30ºC

Coverage

Consumption of the ready mixture/strength of layer:

Type of load 1	Earth moisture: 3.5 kg/m², app. 2.0 mm
Type of load 2	Ground water: 3.5 kg/m², app. 2.0 mm
Type of load 3	Ground & back water: 4.5 kg/m², app. 2.5 mm

Packaging

AquaArm Set Guard is supplied in 1, 15 and 20kgs

Storage and Shelf Life

Dry, 24 months in originally closed packs, opened packs are to be sealed and be used up as soon as possible. Consumption of the ready mixture/strength of layer

Annotation

AquaArm Set Guard contains cement and reacts alkaline with moisture.
Therefore:

- Protect skin and eyes
- Please keep out of children's reach
- In case of eye or skin irritation wash thoroughly with clean cool water
- Wear safety gloves
- In case of eye contact seek immediate medical treatment

Product Categories Available

Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. the user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

MYK Arment Private Limited
(Formerly Known as MYK Schomburg India Pvt.Ltd)
8-2-703/A, 3rd Floor, Leela Gopal Towers, Road No. 12, Banjara Hills, Hyderabad -500 034
Tel: +91 40 6816 0001 | Email: myk@mykarment.com | www.mykarment.com