

## AquaArm Ultra Primer

(Formerly known as MYK INDUPRIME EPW 44)

2 Part Water Based Epoxy Resin  
Primer



## TECHNICAL DATA SHEET

### Product Description

AquaArm Ultra Primer is a two-part Epoxy resin based solvent free primer.

#### Uses

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

- Moist / Damp Concrete
- Cementitious screed
- Hardened concrete
- As a primer for FloArm Cempo 1, FloArm Cempo 4, FloArm Cempo 10
- As a Primer for AquaArm WPU 1K / Acrylic coating ( for such application the surface should not be the SSD condition)

#### Features and Benefits

- 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

### Application Method

#### Surface Preparation:

Correct substrate preparation is critical for optimum performance. Surfaces should be clean, and free from loose particles, curing membrane or any other contaminant. Oil, grease, mould release agent, curing membrane, and such other contaminants must be removed by mild detergent and water, and by thoroughly scrubbing with a hard / stiff brush. Surface to be cleaned up to the open texture concrete surface.

High spot of can be removed by grinding. After grinding surface to be rubbed with the Wire brush to open the voids and anchoring the primer. Before application of the primer, the loose dust to be removed by vacuum dust collector.

For advice on the appropriate method for the site situation, please contact MYK Arment technical team.

#### Surface Quality:

The concrete substrate must be sound and of sufficient design compressive strength (minimum 20 N/mm<sup>2</sup>) with a minimum pull off strength of 1.5 N/mm<sup>2</sup>.

Very Important: The substrate can be damp but must be free of standing water (no puddles!). Ensure SSD condition before applying. Do not apply on dry surface.

#### Mixing:

Stir the contents of the both container (Base and hardener) before use and make homogenize the material in the container with suitable mixing paddle.

Then add the hardener into the base container and mixed for 2 minutes till the mix mass is homogeneous using suitable paddle under slow RPM, using low speed electrical stirrer.

#### Application:

Apply one coat of AquaArm Ultra Primer by a medium nap brush / Fleece Roller / Rubber Wiper to be applied as per the coverage only.

#### Curing:

AquaArm Ultra Primer is self-curing. Curing time depends up on the ambient temperature & humidity, the moisture content of the substrate, thickness of film, etc. High temperature and low humidity accelerate the curing process.

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Over coating / Waiting time for TMB system application [FloArm Cempo 1, FloArm Cempo 4, FloArm Cempo 10]: - once the primer AquaArm Ultra Primer is applied, subsequent coat of TMB is to be laid when surface primer is wet – up to

### Technical Data

Base: White Emulsion liquid

Hardener: Yellowish to brown low viscous liquid

Mixed color: Yellowish white Emulsion

Mixed Density:  $1.03 \pm 0.02$  kg/liter

Mixed Solid content Approx. 20 +/- 2%

Bond strength: More than 1.5 N/mm<sup>2</sup> (Concrete failure)

Pot life: The product to be apply within 30 – 45 minutes after the mixing of base and hardener depending on the temperature. if the mixed mass is above 45 minutes old, please discard the material and for further application use fresh mixed material even if easy flowing nature / workability remains after 45 minutes. (As the visible pot life is not possible in this product).



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### Consumption

0.20-0.40 kg/m<sup>2</sup>/coat depending on surface porosity and the total pack coverage will be 12 to 23 m<sup>2</sup> (4.5kgs pack) composite kit pack. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variation in level or wastage. etc.

### Packaging

- AquaArm Ultra Primer is available in 4.5 kg (B+H)

### Storage and Shelf Life

Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is 6 months when stored as per above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice please consults MYK Arment Technical Services Department.

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### Health & Safety

- Substrate Temperature +15°C min. / +35°C max.
- Ambient Temperature +15°C min. / +35°C max.
- Relative Air Humidity 80% r.h. max.
- Dew Point Beware of condensation, the substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the surface of the applied product.



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### 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.