

ReArm Primer HR

(Formerly known as MYK Prime HR)

Primer for Special Resistance Application



TECHNICAL DATA SHEET

Product Description

It is a three component pre-weighted on site mixing easily applicable material. The floor provides hard wearing porous/loose banded top surface. Primed surface will help to chemical resistant, Glossy, easy to apply top coat, final Heat and chemical resistance surface.

ReArm Primer HR is a low viscosity, multipurpose with special polymer blended epoxy primer developed from a new concept on epoxy technology (polymer blend), it exhibits increased performance as compared to normal primer.

Uses

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

Features and Benefits

- Increase the bonding property of top coat.
- Increase the surface hardness of porous concrete surface
- Improved top surface finish.
- Helping to High temperature resistance: up to 125°C (with stands boiling water) (total system)
- Increase Good electrical insulation property
- Neither eroded by water or contaminates water
- Coated film is hard, smooth and slick.

Application Methodology

Substrate requirement:

The substrate must be clean, dry & free of all contaminates having preferably the following properties

- Concrete quality: min. C20/25
- Screed quality: min. EN 13813 CT-C25-F4
- Age: min. 28 days
- Pull out strength = 1.5 N/mm²
- Residual moisture < 4.0% (carbide hygrometer)

Step No.1: Surface Preparation

All previous floor coating if any must be mechanically removed to the maximum extent possible. It is acceptable to relay on floor coating that has a firm bond (pull out strength of 1.5 N/mm²).

Concrete substrates must be prepared mechanically using abrasive blast cleaning, scarifying or grinding equipment to remove cement laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.

Repairs to the substrate, i.e., filling of blowholes/voids and surface leveling must be carried out using appropriate repair product. All dust, loose and friable material must be completely removed from the surface before application of the product, preferably by brush and/or vacuum. Ensure moisture content of the concrete surface is below 4 % - no rising moisture according to ASTM D 4263 (Polythene Sheet Method) and above 3 deg C dew point.

Step no.2: Mixing:

ReArm Primer HR consist of three component Base, Hardener, and thinner, all are pre-weighted packs. First Base and Color paste has to be mixed with slow speed drill machine of RPM 300 to 400 for a 2 minute, then add the hardener part, mixed entire mass for 3 to 4 minutes the components should be mixed in a suitably sized mixing vessel. After proper mixing the total mass to be transfer to another vessel. As the pot life of the material is very less, so start the application immediately.

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Step no.3: Application:

The material once mixed should be used within its specified pot life of 15 minutes; do not apply the material after the pot life is over even if it exhibits workability. The mixed ReArm Primer HR is spread on to the prepared dry surface using a stiff brush. The second coat should be applied after 3 Hours (Tack Free time) Application in closed area needs special care of ventilation under proper supervision.

Technical Data

Standard	This material is tested as per the ASTM D
Pot life 25°C	30 minutes
Track Free	min 3 hours
Full Cure	24 hours
Film Thickness	200 Microns DFT in each coat
Bond Thickness on metal	1.5 mm N/mm ² , 28 days
Bond Thickness on Concert (ASTM D 4541)	1.5 mm N/mm ² , 28 days



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Consumption

270Mgs/m² for 200 Microns thick DFT in each coat.
A lower built-up may also be achieved for general usage – Kindly contact MYK Arment technical cell. For lower thickness Application, Thinner T will be available on request from the factory.

Packaging

3.4 kg pack.

Storage and Shelf Life

1year if stored in cool dry place and if un opened sealed pack.

Health & Safety

ReArm prime HR should be applied with gloves and care should be taken to see that it does not come in contact with skin or eyes. Splashes on to eyes have to be immediately washed with plenty of clean water and medical advice has to be taken.

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.

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