

MixGUARD® HR Xtra

Elastomeric microfiber reinforced waterproof/ heat reflective coating

MixGUARD HR Xtra is a single component; acrylic based micro fiber reinforced waterproof cum heat reflective coating with high elasticity and heat resistance properties. It is durable, flexible and has a high level of resistance to weathering agents like UV rays, sunlight, frost, rainfall etc. and the presence of polypropylene fiber imparts excellent tensile strength and wear & tear property for the cured film

Appropriation

Highly recommended to waterproof most types of roofs – concrete, masonry, metal, asbestos etc. New and existing structures

Characteristics

- Waterproof
- Elastomeric - crack bridging
- Excellent resistance to weathering agents
- Anti-algal and anti-fungal
- Suitable for pedestrian traffic
- Non-toxic
- Good adhesion to substrate
- Easy to clean
- Cold applied – easy to apply
- Easy maintained
- Barrier against carbon dioxide, water, sulphates and chloride ions
- Water vapor permeable

Technical Data & Properties

Appearance	: High viscous liquid
Colour	: White
Specific gravity	: 1.35 gm/cc
Solids content	: 70% ± 2% by weight
Elongation at break ASTM D 638	: 150%
Adhesion to substrate ASTM D 4541	: > 1.3 N/mm ²
Water penetration DIN 1048	: no leak at 7 bars(2mm thick)
Tear resistance ASTM D 1004-76	: 10N/mm ²
Tensile strength ATM D 412-87	: 3.0N/mm ²
Application temperature	: 5 ^o C to 50 ^o C
Dry film thickness at 1kg/Sq m	: 500 microns
Heat reflectivity	: >90%
Touch dry	: 2 hrs. at 25 ^o C
Recoatible	: 6-8 hrs. at 25 ^o C
Full cure	: 7 days

Product Management

Good surface preparation practice is a key element to achieve optimum result, life and performance of any coatings. Generally, MixGUARD HR Xtra is applying as a top coat or intermediate coat in water proofing applications. Make sure that no laitance or dust in the previous coat and such things must be removed by thorough cleaning like air blowing

Priming

It is recommended to apply a primer coat prior to MixGUARD HR Xtra application for normal surfaces incase independent application is demanding. MixPRIME AC or MixPRIME AC100 (cement modified) can be used based on substrate quality



FABCHEM



PYCHEM



mix.uk limited

MixGUARD® HR Xtra

Elastomeric microfiber reinforced waterproof/ heat reflective coating

Contact FAB technical department for suitable primer according to the substrate condition

Mixing: Stir MixGUARD HR Xtra well to get a homogeneous mix before applying

Application procedure: MixGUARD HR Xtra can be applied by brush, roller or air less spray. Apply the undiluted material at 0.5kg/Sq m/coat when incorporate in a system and follow the method of applications as per system specification. Apart from system or in general applications contact FAB Chemical's technical service dept for methodology and assistance

It is important to ensure that MixGUARD HR Xtra layer is completely cured before applying the subsequent coat (normally 6 to 8 hours' time gap). The subsequent coat should be applied at right angle to the previous coat. For improved results: In general applications a fiber mat (MixMAT GFM50/70) may be embedded in between coatings while it is still wet on all corners and other critical areas

Curing: MixGUARD HR Xtra is self-curing

Cleaning: Immediately clean the tools with water

Packing & Storage

MixGUARD HR Xtra is available in 5/20kg packs and it shall be stored in cool, dry and shaded conditions. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per manufacturer's recommendations. In extreme tropical climate, the product shall be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

Health & Safety

MixGUARD HR Xtra contains no hazardous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure the product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each FAB product

Rev.MGHRX/NOV/2022/15/IN

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands - on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

Corporate Office
PYCHEM Co. L.L.C
Post Box 23940, Sharjah
United Arab Emirates
Website:www.phychem-cc.com

Under Technical Collaboration with:
MIX UK Limited,
United Kingdom

Registered Office
S.F.No.74/2,D.No.2/196-A
Kalipalayam Road, Vellamadai
Coimbatore-641110
Tel: +91 422 2929313,
E-mail: mail@fab-cc.com
Website: fab-cc.com



FABCHEM



PYCHEM



mix.uk limited

The Construction Chemist ...