

MIMCHEM 1/2 UV



DESCRIPTION

MIMCHEM 1/2 UV is a two-component, fully elastic waterproofing material with an acrylic-polymer based liquid component and a cement-based powder component, which is resistant to differences in heat and also has UV resistance.

FIELDS OF USAGE

- It is used for waterproofing under ceramic tiles in wet areas such as bathrooms, toilets, kitchens, balconies and terraces.
- It is used in rain streams, canals and flumes.
- It is used on all mineral surfaces exposed to high UV rays.
- It is used as the final coating in elevator and stair towers.

TOOL CLEANING

- Brushes and similar tools can be cleaned with plenty of water

CAUTION

- Because our products are water-based, it would be sufficient to wash with plenty of water in case of contact with the skin. In case of contact with eyes or mouth, you should go to the nearest healthcare organization.

PREPARING THE SURFACE FOR APPLICATION

- The application surface must be fully cleaned off dust, rust, mud and oil.
- Sharp ends should be rounded on the surface, and if there are points such as rod pipe heads or capillary cracks, POLYELAST SCREED-2K should be used for repair and a surface ready for insulation should be obtained.
- The whole surface should be primed with POLYASTAR for dust particles on the surface not to prevent the isolation from adhering.
- After the primer dries, the first layer of MIMCHEM 1/2 should be applied horizontally.
- Following the full drying on the surface, the second layer of MIMCHEM UV 1/2 should be applied vertically.
- Reinforcements can be used if wanted.
- It is recommended to use a hand brush for corners.

SHELF LIFE AND STORAGE

- A maximum of three buckets are stacked on top of each other.
- Products should be stored in a cool and covered environment.
- Due attention should be paid when moving the product via a forklift.
- Shelf life is at least 12 months under proper storage conditions.

CONSUMPTION

- For moisture- and damp-proof surfaces: 3 kg/m²
- For surfaces with low water pressure: 4 kg/m²
- For surfaces with high water pressure: 5 kg/m²
- Recommended usage amount on each coating: 1,5 kg/m²

COLOUR

White

PACKAGING

10 kg of liquid component + 20 kg of powder component = 30 kg. bucket

QUALITY STANDARDS

TS EN 14891 CM

TECHNICAL SPECIFICATIONS



Content of the Mixture	Liquid Component : Acrylic copolymer dispersion Powder Component : Cement, mineral filler and polymer
Colour	White
Consistency	Flowable Viscous
Density	1.50 0.05 gr/cm ³
Number of coats applied	2 – 3 coats
Mixture usage time	2 hours
Drying Time	A minimum of three hours
Drying time between coats	A minimum of 8-12 hours
Covering the top	A minimum of three days
Waterproofing	7 days
Rain resistance	A minimum of 48 hours
Application Temperature	+5 °C / + 25 °C
Service temperature	- 20 °C / + 80 °C
Initial adhesion tensile strength	> 2.5 N/mm ²
Adhesion tensile strength after contact with water	> 2.5 N/mm ²
Adhesion tensile strength after heat ageing	> 1.5 N/mm ²
Adhesion tensile strength after freeze-thaw cycles	> 1.5 N/mm ²
Adhesion tensile strength after contact with calcareous water	> 1.5 N/mm ²
Capillary water absorption	0.10 gr



CAUTION

MAROF YAPI is not responsible for any defects or errors that may arise if the product is used on a surface or for properties other than described above.