QIS ACRIMAX UV

ELASTOMERIC RESIN BASED, UV RESISTANT, WATERPROOFING COATING







DESCRIPTION

QIS ACRIMAX UV is an acrylic, elastomeric resin-based, single- component, water-based, UV resistant, elastic waterproofing coating.

USAGE AREAS

- All cement based screed, plaster,
- Indoors and outdoors,
- Gross concrete, on the slab, in places exposed to atmospheric aggressive external effects, in structures exposed to solvent salt effects,
- On the exterior facades of the building,
- In vertical and horizontal applications,
- On the terraces,
- On the roofs,
- In concrete, zinc and precast streams.

CHARACTERISTICS

- It is single component and easy to apply.
- It has a high adhesion strength to cement-based surfaces.
- It prevents carbonation on the concrete.
- It creates a jointless and seamless coating.
- It provides impermeability.
- Since it is elastic, it covers the micro cracks in the structure.
- It does not prevent the passage of steam.
- It provides a good appearance in terms of decoration.
- It prevents corrosion of the reinforcement.
- It is resistant to freezing-thawing event.
- It can be applied to horizontal and vertical surfaces.
- It is not harmful and flammable. It does not contain solvent.
- It is UV resistant.

APPLICATION METHOD

Surface Preparation

- The surface to be applied must be very clean and free of dust, oil and curing materials. Cracks and broken places on the application surface should be repaired.
- Before application, the surface must be primed with QIS PRIM 100.
- The product obtained by adding the same amount of water to the product itself can also be used as a primer.
- It should be allowed to dry for at least 1 hour after primer application (20°C).

Application

- The material should be mixed in its own container before use. (400-600 rpm)
- The first coat can be applied by mixing with the mixer for 3-5 minutes.
- The material can be applied to the surface with a brush, roller or airless spray.
- The application should be done in at least 2 coats. Coats should be applied perpendicularly to each other.
- The second coat should be applied within an average of 3-6 hours (20°C) after the first coat has dried.
- In applications, the thickness of each coat should not exceed 1.5 mm.
- The product should be protected from all external factors for at least 2 days after application.

Application Conditions

- There should be no external factors such as rain, snow, frost during the application of the material.
- In applications, the thickness of each coat should not exceed 1.5 mm.
- The environment should be ventilated in indoor applications.

CONSUMPTION

500-750 gr/m^2/each coat according to the absorption rate of the surface
Average consumption;
For 1 mm dry film thickness: 1.50 kg /m^2
In gutters and streams : 3-4 kg /m^2
On the terraces : 2-3 kg /m^2

PACKAGING AND STORAGE

20 kg bucket.
In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Opened packages should be used within a maximum of one week if they are tightly sealed again.

SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

TECHNICAL DATA

Material structure	Water-based Acrylic resin
Color	White
Density	1.40 ± 0.02 kg/lt
Application temperature	+10°C/+35°C
Service temperature	-20°C/ +80°C
Flexibility	> %250
Drying time (20°C)	4-5 hours first, 48 hours final (+20°C)
Capillary water absorption	≤ 0.1kg.m^2.$hours^{0,5}$
Adhesion strength	≥ 1 N/mm^2 (EN 14891)
Crack bridging	≥ 2 mm (+20°C) (EN 14891)

The above values are given at +20°C and for 50% relative humidity.
High temperatures shorten the time, low temperatures prolong the time.

WATERPROOFING SYSTEMS

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