

# QIS ACRIMAX / Technical Data Sheet

## ELASTOMERIC RESIN BASED, WATERPROOFING COATING



### DESCRIPTION

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

### USAGE AREAS

- On all cement-based screed, plaster, gross concrete, slab,
- In the waterproofing of wet volumes
- In ceramic and under screed applications,
- As waterproofing material under paint and coating on exterior facades,
- On all absorbent surfaces with undesirable UV resistance.

### 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 surface.
- 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 prevents corrosion of the reinforcement.
- It is resistant to freezing-thawing.
- It can be applied to horizontal and vertical surfaces.
- It is not harmful and flammable. It does not contain solvent.

### 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.
- The material should be applied to the dry surface.
- The environment should be ventilated in indoor applications.

### CONSUMPTION

500-750 gr/m<sup>2</sup>/each coat according to the absorption rate of the surface.

Average consumption;

For 1 mm dry film thickness; 1.50 kg /m<sup>2</sup>

### 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 (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 <sup>2</sup> .hours <sup>0.5</sup>
Adhesion strength	≥ 1 N/mm <sup>2</sup>
Crack bridging	≥ 2 mm (+20°C)

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

# Technical Data Sheet

## LEGAL NOTES

- This guide is designed to provide general information about QIS CONSTRUCTION CHEMICALS products, which can be used in a wide variety of fields, and to show their technical specifications. It is intended as a recommendation.
- The information and recommendations given here are valid under normal conditions and provided that the products are stored under the recommended conditions.
- The products to be used, the application surfaces, application areas, and application purposes vary greatly. Therefore, when using products, it is essential to ensure that the correct product is applied under the correct conditions and in the correct location.
- QIS CONSTRUCTION CHEMICALS cannot control the conditions under which its products are used and therefore accepts no responsibility or guarantee regarding the application results. The user should test the suitability of the product before use.
- QIS CONSTRUCTION CHEMICALS reserves the right to change the specifications of its products without prior notice. Users should always refer to the latest version of the Product Technical Data Sheet, which can be obtained from QIS for the relevant product.

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