

QIS PU ASTAR 1K

POLYURETHANE BASED SINGLE COMPONENT PRIMER



DESCRIPTION

QIS PU ASTAR 1K is a single component primer material that can be used on absorbent concrete and cement-based surfaces, used in polyurethane-based joint fillers, waterproofing materials, before floor coverings.

USAGE AREAS

- Indoors and outdoors,
- On terraces, roofs and balconies,
- In the priming of polyurethane-based joint filler mastics,
- Before the application of polyurethane waterproofing materials,
- Before polyurethane floor coating materials,
- As a primer before polysulfide and polyurethane casting mastic applications.

CHARACTERISTICS

- It is cured with air moisture.
- It has a semi-rigid-elastic structure.
- It can be applied to absorbent surfaces such as concrete. It has high adhesion feature.
- Since it has one component, it is easy to apply.
- It penetrates deeply on absorbent surfaces.
- It can be used on horizontal and vertical surfaces.

APPLICATION METHOD

Surface Preparation

- Substances such as cement particles, dust, oil, paint, curing, bitumen on the surfaces should be cleaned before application. Joints in the joint filler should be cleaned with a wire brush and sprayed with compressed air if possible.
- In waterproofing applications, the surface should be slightly roughened with a mosaic wiping machine and pits, gaps and cracks should be repaired. Particularly polished and flattened surfaces should be roughened so that the coating adheres well.
- In floor coating applications, the surface should be roughened with a grinding machine and pits, gaps and cracks should be repaired. If polyurethane-based pastes are used in the repair, the application should be started 24 hours after the repair.

Application

The material is applied with a brush, roller or airless gun. The drying-curing time of the material is delayed at low temperatures and accelerated at high temperatures.

- **In joint filling material priming;**

The primer should be applied to the joint edges with a brush and joint filler should be applied within 3 hours when the primer (tack free) is pressed with a finger while it is semi-adhesive. After the primer is applied, the surface should be protected from dust and moisture until the joint filler material is applied.

- **In the priming of insulation materials;**

Insulation material should be applied within 3-4 hours at the latest from the primer applied to the roughened and clean surface.

- **In the priming of floor coverings;**

Primer is applied to clean and dry surface. Polyurethane floor coating should be applied within 2-3 hours when the primer (tack free) is pressed with a finger while it is semi-adhesive.

Application Conditions

It should be ensured that the concrete is at least 28 days old when applied to concrete surfaces. Before application, the surface should never be washed with water, the surface should be dry, the moisture rate should not be above 5%.

CONSUMPTION

It varies according to the absorbency rate of the surface. Approx. 200 - 300 gr/m²

PACKAGING AND STORAGE

5 kg and 20 kg Cans

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. Since the material contains solvent, it should be kept away from fire.

SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted. Since the material contains organic solvents, the indoor areas should be ventilated during the application, smoking should not be allowed and the material should be kept away from the fire.

TECHNICAL DATA

Density	1.00 ±0.02 kg / lt
Material structure	Polyurethane, transparent liquid
Hardness (Shore A)	70-80
Adhesion to concrete	2 ±0.02 N / mm ²
Application temperature	+5°C / +45°C
'Tack free' drying	1-3 hours (each layer)
Final drying	2-4 days
Solvent	Contains organic solvents

The above values are given at +20°C and for 50% relative humidity.

High temperatures shorten the time, low temperatures prolong the time.