

QIS EPO ASTAR SF

PURE EPOXY-BASED, SOLVENT-FREE PRIMER



DESCRIPTION

QISEPOASTARSF is a pure epoxy-based, two-component, low-viscosity primer used in epoxy systems.

USAGE AREAS

- Indoors and outdoors,
- On concrete and cement-based mineral surfaces,
- As a primer layer in epoxy floor coating applications,
- As a primer layer before the application of polyurethane and polyurea waterproofing materials,
- Bonding of epoxy based leveling mortars and mortar coatings,
- To protect concrete surfaces against wear and dust.

CHARACTERISTICS

- Their mechanical strength is high.
- It does not shrink. (non-shrink)
- It does not contain solvent.
- It can be used indoors and outdoors.
- It has high structural bonding power.
- It provides impermeability in the structure it is applied.
- It is resistant to chemicals such as petroleum, oil, acid and alkali.
- It can be applied to surfaces such as concrete, wood, steel, stone.

APPLICATION METHOD

Surface Preparation

Concrete surfaces to be applied should be dry, clean and dust-free, damaged and loose concrete parts should be removed from the surface. The surface shall have at least 25 N/mm² compressive strength and at least 1.5 N/mm² tensile strength (pull-off) test result. The age of the new concrete should be at least 28 days according to the season and the concrete surfaces should be dry. Large breaks and defects must be repaired in advance. The cement shell and shiny screed on the concrete surface should be cleaned with tools such as sandblasting, notching machine, diamond drum wiping machine, grinding and the surface should be roughened and wiped. The entire surface should be free from dust. The concrete surfaces in contact with the soil to be coated should have been previously insulated with water and water vapor breakers.

Mixing

QIS EPO ASTAR SF has two components. (A+B) Component B is added to component A and mixed with the mixer for 4-5 minutes. The pot life of the mixed material is around 30 minutes. As the ambient temperature rises, the pot life decreases.

Application

It is applied to the surface by roller, brush or spray. The amount can be increased according to the absorbency of the surface. It should be waited for 3-4 hours between layers. Epoxy coatings should be applied within 5-15 hours.

CONSUMPTION

300-700 gr/m²

PACKAGING AND STORAGE

18 kg set (A+B) (Component A: 12 kg + Component B: 6 kg)
It should be stored in its original unopened packaging in a cool and dry environment, protected from frost. Suitable storage temperature should be between +5 and +25 °C. Shelf life is 12 months from the date of manufacture under appropriate storage conditions.

SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and 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.

TECHNICAL DATA

Specific gravity	~ 1.10 kg / lt
Working time	~30 minutes
Adhesion strength	2,2 N/mm ²
Shore A hardness	90 ± 5
Application temperature	+10°C / +30°C
"Tack free" drying	24 hours
Final drying	(+20°C) 7 days (+25°C)

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

QIS YAPIMINYASALLARI
ANONİM ŞİRKETİ
Bahçelievler Mah. Asarçık Sk. No: 21
KAVAKLI SAHUN
KAVAKLI D: VKM:6311426531

Emre
GÜDAN