



KISCOTE A-PRIMER

Water-based Primer for Epoxies and Polyurethanes Coating

DESCRIPTION

KISCOTE A-PRIMER is a two-component primer, designed to prepare substrates to receive subsequent waterproofing coatings of various chemistry such as epoxy and polyurethane. It seals absorbent surfaces to prevent bubbles formation and increases adhesion of the receiving coat.

The product must be mixed in the right ratio and then it cures by reaction. Being water-based, it can be applied on slightly damp surfaces.

RECOMMENDED USE

- Power floated concrete
- Metal
- Asphalt
- Bitumen-felts
- Ceramic Tiles
- Glass
- Existing Acryl-based coatings
- Concrete surfaces

ADVANTAGES

- Simple-to-use
- Increases adhesion to most surfaces
- Can be applied on moist surfaces
- Water-based and environmentally-friendly
- Chemically-resistant
- Reduces air bubbles formation in the receiving coats

COVERAGE

100 - 200 gr/m² in one or two layers.

*Coverage varies with substrate porosity, application temperature, humidity, application method etc.

PACKAGING

KISCOTE A-PRIMER is supplied in 15 + 3kg pail and 3 + 1kg pail.

APPLICATION GUIDELINES

SURFACE PREPARATION

The surface needs to be clean and sound, free of any contamination, or any other materials which may harmfully affect the adhesion of the primer. Any previously-applied coatings, dirt, fats, oils, organic substances and dust need to be removed, or by a grinding machine if needed. Possible surface irregularities need to be smoothened. Any loose surface pieces and grinding dust need to be thoroughly removed.

MIXING

KISCOTE A-PRIMER Component A and Component B should be mixed by low speed mechanical stirrer, according to the stipulated mixing ratio, for about 3-5 min.

A thorough mixing of the 2 components has to be ensured for the mixture to become fully homogeneous.

Dilution, if needed, should be in the region 15-25% of clean water, which is done to regulate viscosity and improve penetration (in less absorbent surfaces).

PRIMING

For best results, the temperature during application and cure should be between 5°C and 350°C.

Apply KISCOTE A-PRIMER by roller or brush, until the surface is fully covered. After approx. 6-12 hours (not later than 24 hours) and while the primer is still a bit tacky, apply the polyurethane/epoxy coating or the polyurethane joint-sealant.

STORAGE

KISCOTE A-PRIMER should be stored in dry and cool rooms for up to 6 months. Protect the material against moisture and direct sunlight. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

HEALTH & SAFETY

Refer to SDS for further information.

TECHNICAL PROPERTIES

KISCOTE A-PRIMER	
Appearance	Transparent
Composition	Epoxy resin + Hardener. Water based
Mixing ratio	A : B = 3 : 1
Adhesion to aluminium (ASTM D903)	>2 N/mm ²
Adhesion to moist concrete (6%) (ASTM D903)	>1.5 N/mm ² (concrete failure)
Hardness (Shore A Scale) (ASTM D2240)	>95
Resistance to water pressure (DIN EN 1928)	No Leak (1m water column, 24h)
Service temperature (inhouse lab)	-30°C to +90°C
Application temperature (Conditions: 20°C, 50% RH)	10°C to 35°C
Pot life (Conditions: 20°C, 50% RH)	45 – 50min
Overcoating time (Conditions: 20°C, 50% RH)	6 – 12 hours
Final Curing time (Conditions: 20°C, 50% RH)	7 days

IMPORTANT NOTES

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

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