EPOXY CONCRETE PRIMER · ACRYFLEX-T

AQ Primer 2K

Two-component epoxy barrier primer for concrete

COLOUR
Clear amber

1.05 g/cm³	99 %	900 cPs	40–50 min	0.300 kg/m²
Density (approx.)	Solids content (wt.)	Viscosity	Gel time	Theor. consumption

Product description

AQ PRIMER 2K is a phenalkamine epoxy based, two-component primer for use at ambient temperatures. Designed for application on green concrete as a primer or primer-sealer – unlike traditional sealers it does not need to be removed before further treatment. It meets the ASTM 309 requirement (max. water loss 0.055 kg/m²) for use as a concrete curing compound and is strongly recommended for acrylic tennis courts on a concrete sub-base.

Advantages

- Excellent adhesion to green concrete
- Quick return to service
- Mixes easily
- Low viscosity – excellent penetration into concrete
- Meets ASTM 309 as curing compound
- Non-toxic and non-corrosive
- Fast drying time
- Low VOC
- Brush, roller or spray application
- Good through cure
- Easy to clean up
- Moisture tolerant during cure

Position in the system

Finishing
OVERLINE 367-F lines · GLOSSCOAT sealer

Colour coat
PRECOAT 367-200 range

Cushion layers
UNIRUBBER range

Resurfacer
ACRYLIC RESURFACER 367-30 · LW · 367-43

Primer — THIS PRODUCT
AQ PRIMER 2K

Sub-base
Asphalt / concrete

ACRYFLEX-T

Cushioned acrylic tennis court system

ITF classified system surfaces

Product use

- Primer / sealer for green concrete
- Primer for new or existing concrete
- Concrete curing compound
- Potable water contact coatings
- Corrosion protection

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Technical data (at +20 °C)

Colour	**Clear amber**
Mass density (approx.)	**1.05 g/cm³**
Solids content (by weight)	**99 %**
Viscosity	**900 cPs**
Gel time	**40–50 min**

Overcoating interval	**maximum 16 h**
Theoretical consumption	**0.300 kg/m² (1 layer)**
Application temperature	**+14 °C to +35 °C**
Shelf life	**12 months**

Application procedure

01

Substrate preparation

New concrete must cure for 21 days. Complete repairs of defects and cracks; clean off dust, dirt, mildew, debris and loose material. Repairs must be flush and smooth.

02

Mixing

Mix component A and component B together in the stated ratio.

03

Application

Pour onto the concrete and spread with a rubber blade squeegee or roller.

04

Curing

Leave the surface until touch dry before the next layer for better adhesion. Overcoat within max. 16 h.

Mixing ratio (by weight)

13.35 kg | **6.65 kg**

- **13.35 kg** — AQ PRIMER 2K – Component A
- **6.65 kg** — AQ PRIMER 2K – Component B

Application conditions

+14 °C – +35 °C

Do not apply the material at temperatures below +14 °C or above +35 °C.

Consumption

0.300 kg/m²

Theoretical spreading rate per coat, depending on surface permeability and porosity.

Important: coverage rates may vary depending on the surface porosity, ambient temperature and application technique.

Packaging

- 13.35 kg base (A) + 6.65 kg hardener (B) in tin cans

Storage

- Store in sealed drums in an indoor, dry warehouse at +15 °C to +35 °C.
- Shelf life: 12 months from the production date in a cool, dry place.
- Do not leave the product outdoors exposed to the sun.

Safety

- Not classified as hazardous when cured.
- Contains no formaldehyde, asbestos, mercury, lead, chromate or their derivatives.
- For safe handling and occupational health & safety see the Safety Data Sheet (SDS).

LEGAL NOTE

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