

weberprim EP 2K

Epoxy based primer

Advantages

- High adhesion on both absorbent and non-absorbent substrates
- Perfect preparation prior to the polyurethane waterproofing and sealant application
- Able to adjust the consistency by diluting with water
- Chemical resistance



Description

Epoxy based, dilutable with water, two component, transparent primer.

Range of application

Used as high performance primer for especially polyurethane waterproofing and sealants but also for general waterproofing on both absorbent and non-absorbent substrates. Besides, it is able to be used as primer especially for polyurethane waterproofings and sealants for the humid substrates.

Application substrates

- Glass, metal
- Old tiles, bitumen and acrylic coatings
- Cement based glossy substrates
- Cement based screeds, renders and concretes
- Wooden surfaces
- Please consult us for other application substrates

Application properties

- Mixing Ratio
 - A component: Epoxy resin 3 unit
 - B component: Hardener 1 unit
- Pot life: 45 minutes
- Applicable layers: 1-2 layers
- Time for the next coat: 6-10 hours; max. 24 hours
- Full drying time: 7 days

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Performance

- Composition : Epoxy
- Service temperature : -30°C to +90°C
- Shore D hardness : > 30 (ASTM D 2240)
- Adhesion to 6% humid concrete: > 1.5 N/mm² (ASTM D 903)
- Adhesion to metal: > 1.5 N/mm² (ASTM D 903)

Attention points

- For ideal application, the humid rate should not be over 7%.
- For ideal usage the substrate compressive strength should be minimum 25 MPa and adhesion strength should be minimum 1.5 MPa.
- During the mixing period the unmixed components should not be left at the package edges.
- In case **weberprim EP 2K** application on fragile and highly absorbent substrates like light concretes and similar cement based concretes, it should be applied in two layers.
- Product should be kept away from fire sources and shouldn't be approached with cigarettes.
- While applying **weberprim EP 2K**, use protective gloves and goggles, avoid eye and skin contact. In case of eye or skin contact, wash with plenty of water immediately and consult a doctor.
- There should be enough air ventilation at the application area.

Substrate Preparation

- Substrates should be clean, dry, smooth and sound.
- The obstacles prevents the primer adherence should be removed with mechanical methods.
- Non smooth substrates should be repaired and smoothened with **weberep repair mortar GP**.
- The substrate should be checked with hammer for the low adherence substrate. Weak parts should be removed from the substrate.

Conditions of application

- Substrate and ambient temperature should be between +5°C and +35°C
- Avoid application in very damp and/or hot weather
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.



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Application

- A and B components should be mixed by considering the mixing ratio, with a low speed mixer for min. 3-4 minutes.
- After mixing, in order to adjust the consistency, clean water averagely 20% could be added.
- **weberprim EP 2K** should be applied with roller or brush on whole substrate as one or two layers.
- After 6-10 hours the polyurethane waterproofing or sealant should be applied while the primer is tacky.

Consumption

Average 100-200 gr/m² (one or two layers).

Packaging

20 kg metal bucket (15 kg +5 kg)

Color

Transparent.

Application tools

Brush, roller, mixer.

Shelf life

- 9 months from the production date in dry and moisture-free ambient, should be protected from direct sun light.
Storage temperature should be between +5°C and +30°C.
- Package should be kept tightly closed when not in use.
Package should be protected against frost and heat.