



## INTERPRIMER EPO (EPOPRIME)

TWO COMPONENT, EPOXY BASED, SOLVENT FREE PRIMER

- Perfect bonding on cement based surfaces
- High penetration
- Resistant to chemicals

### DESCRIPTION

**INTERPRIMER EPO** is a two component, epoxy based, film forming, low viscosity primer for epoxy based coatings and repair mortars.

### TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- As a repair mortar when mixed with suitable quartz agreg, and
- As primer under epoxy and polyurethane based floor toppings.

### ADVANTAGES

- Deeply penetrates into the pores of the concrete substrate.
- Perfect bonding on cement-based surfaces.
- High bonding strength.
- Resistant to chemicals.
- Easy to use.

### TECHNICAL PROPERTIES

**Color:** Transparent

**Physical State:** Two component

**Product Density:** 1,05 ± 0,05 g/cm<sup>3</sup>

**Application Temperature:** +10 °C to +35 °C

**Touch Dry In:** 5 to 6 hours

**Time Required Before Next Application:** 12 hours

**Full Cure:** 7 days

**Service Temperature:** +10 °C to +50 °C

**Pressure Resistance Mortar (EN 196-1):** > 80 N/mm<sup>2</sup>

**Flexural Strength (Mortar) (EN 196-1):** > 20 N/mm<sup>2</sup>

**Bonding Strength (EN 4624):** > 1.5 N/mm<sup>2</sup>

The values above are valid for 23 °C and 50% relative humidity.

### DIRECTIONS FOR USE

#### SURFACE PREPARATION

- Concrete surface subject to application should bear a compressive strength of at least 225 kg/cm<sup>2</sup>. Curing should continue for a period of 28 days; The humidity content of the application surface should be maximum 5%.
- As is the case with all epoxy applications, the quality of surface preparation works will have a direct impact on durability and performance of the system.
- Surface should be totally free from dirt, dust, curing materials, paints, and detached, separated, and loose particles.
- Metal surfaces should be corrosion free.

#### MIXING

- Add Component B into the Component A, and mix for 3 to 4 minutes using a low speed mixer until a homogenous mixture is achieved.

### APPLICATION

- Apply the resulting mixture onto the surface, covering the entire application area.
- On porous and highly absorbent surfaces, apply the second layer, 6 hours after application of the first layer (after the first layer has dried)
- Epoxy based material should be applied after **INTERPRIMER EPO** has dried thoroughly.

### WATCHPOINTS

- Do not apply below +5 °C or over +30 °C.
- Do not mix with hand or trowel.
- Working time is longer at lower temperatures and shorter at higher temperatures.
- Protect from water for 24 hours.
- Do not add solvents, water, and other additives into the mixture.

### CONSUMPTION

0.075 - 0.100 kg/m<sup>2</sup> for one layer

0.150 - 0.200 kg/m<sup>2</sup> for two layers

### PACKAGING

**Component A:** 17 kg container

**Component B:** 8 kg container

### STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

### HEALTH and SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

**NOTE:** Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)