

## KEMCO POX 2K Primer



### Application area

- As a primer for dry and moist ceramic and mineral substrates
- As a primer for stainless steel, aluminium, structural steel and tinplate
- For new buildings and repair work
- Suitable for indoor and outdoor applications
- As filling compound in combination with KEMCO FL Special Filler

### Features

- Solvent-free
- 2-component
- Water dilutable
- Permeable to water vapour
- Odourless
- Promotes adhesion
- Can be applied on moist substrates (residual moisture max. 20 %)
- Resin base: Epoxy resin
- EMI CODE EC1 PLUS

### Pack sizes

7 kg pack

### Storage

Store unopened in a cool, frost-free and dry place, see label for use before date.

Store in closed original containers in dry rooms at temperatures between +5°C and +25°C.

Avoid direct sunlight!

### Consumption

Depending on the absorbency of the substrate: at least 250 g/m<sup>2</sup> (if necessary, apply in several working steps).

### Properties

Form	Liquid
Standard colour	Silver grey
Workability time*	approx. 45 min.
Rainproof after*	approx. 4 h
Can be walked on after*	approx. 12 h
Further coating after*	approx. 12 h

\* Values obtained at a temperature of 23 °C - 50% rel. humidity. These values vary depending on the weather conditions, such as wind, humidity and temperature.

### Application

#### Preparing the substrate

Substrates must be dry, firm and free from contaminants which may affect adhesion and must be prepared accordingly.

Mineral substrates must be prepared so that an average adhesive tensile strength of > 1.5 N/mm<sup>2</sup> and a minimum single value of > 1.0 N/mm<sup>2</sup> is obtained.

The temperature of the material, ambient air and substrate must be at least +5°C and not above +30°C at a relative air humidity of < 80%.

The product KEMCO POX 2K Primer can also be applied outdoors on slightly moist substrates (max. 20% moisture). A continuous water film must not be present on the surface.

#### Use as a primer

KEMCO POX 2K Primer component B must be mixed into component A using a slow-running mixing device until you achieve a homogeneous and streak-free mixture. Mixing time approx. 2 minutes.

To prevent mixing errors, the mixture should be placed in another container and re-mixed.

For better workability the material can be diluted with 20% water. Then transfer it to a clean container and mix for approx. another 2 minutes.

Use a nylon roller to work the material quickly and generously until all the pores are closed off reliably. To prevent the material to react prematurely due to heat build-

up in the container, the material should be poured on to the substrate, distributed roughly and then worked in using the roller.

### Use as filling and levelling compound

Add KEMCO FL Special Filler to the finished mixture in a ratio of 1:1.5 or 1:3. To prevent mixing errors, the mixture should be placed in another container and re-mixed.

Pour mixture onto the substrate, distribute it evenly with a notched or a smoothing trowel and use a spiked roller to remove any air bubbles if necessary.

Highly absorbent or porous substrates should first be primed with KEMCO POX 2K Primer .

### Work interruption and further coating

In case of interruptions of >4 weeks, the surface has to be sanded or activated with KEMCO LE Flexo Primer and primed once more with KEMCO POX 2K Primer .

### PPE

Personal protective equipment must be worn.

Clean tools immediately after use with water.

Sufficient ventilation is essential to guarantee full curing. Always adhere to relevant rules and regulations.

For further information on application, please refer to the separate technical data sheets and the application instructions.

### GISCODE

RE30

### Disposal

Comp. A + B (mixture)	liquid	EAK 08 04 09
Comp. A + B (mixture)	cured	EAK 17 02 03

### Important note

Two-component polyurethane, epoxy and methyl methacrylate resins react under heat development. After mixing the components, the product must not remain in the mixing container for longer than the workability time. Non observance may cause heat and smoke development and may, in extreme cases, even result in a fire.

### General information

Changes to the colour caused by weather conditions or UV rays do not influence the technical parameters.

The times given above are reduced with higher and increased with lower ambient and substrate temperatures. KEMPER SYSTEM products must not be mixed with other manufacturers' products.

Only for commercial use.

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