

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

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: approx. 250 - 400 g/m² (application in several work steps if necessary).

Properties

Form	Liquid
Standard colour	Silver grey
Workability time*	approx. 45 min.
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/mm² and a minimum single value of > 1.0 N/mm² 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 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 onto the substrate, distributed roughly and then worked in using the roller.

Use as filling and levelling compound

Add to the finished mixture KEMCO® FL special filler 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.

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

RE1

Disposal

Comp. A + B	Liquid	EAK 08 04 09
Comp. A + B	cured	EAK 08 04 10

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.

Our technical data sheets / technical information and application instructions reflect the current level of knowledge in our company and the experience with our products. In each case, the new edition supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practise. The latest version can be retrieved from the KEMPER SYSTEM Login section. When using our products, a detailed, object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults, and this

only if our relevant product has been used and applied according to the instructions in our technical data sheets. Correct application of our products therefore falls entirely within the scope of liability and responsibility of the user (contractor). Our products are sold exclusively on the bases of our conditions of sale and delivery.

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