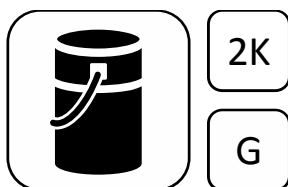


Wepox 100 (A+B)

Primer for mineral substrates



Brief description

Wepox 100 is a slow-curing primer that acts as a barrier on highly absorbent, mineral substrates before WestWood waterproofing or surfacing products are applied.

Material

2-component, low-viscosity, slow-reactive epoxy resin-based primer

Properties and advantages

- Low viscosity
- Fills and seals pores
- Slow-curing
- Hydrolysis- and alkali-resistant
- Solvent-free

Areas of application

Wepox 100 is used for the pre-treatment (primer and barrier) of highly absorbent, mineral substrates (e.g. aerated concrete/expanded concrete) before WestWood waterproofing and surfacing products are applied.

Packaging



The product is supplied in separate containers (resin and hardener).

7.00 kg Resin (comp. A)
3.15 kg Hardener (comp. B)
 10.15 kg

18.00 kg Resin (comp. A)
8.00 kg Hardener (comp. B)
 26.00 kg

Colours

Wepox 100 is unpigmented.

Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.

Application conditions



Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Wepox 100	+8 to +35	+8 to +50*	+8 to +30

* The substrate temperature must be at least 3 °C above the dew point during application and curing.

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Moisture

The relative humidity must be $\leq 80\%$.
The surface to be coated must be dry.
The surface must be protected from moisture until the coating has hardened.

Reaction times

	Wepox 100 (at 20 °C)
Pot life	approx. 30 minutes
Rain-proof after	approx. 8 hours
Can be walked on / overcoated after	approx. 12 hours
Curing time	approx. 7 days

Higher temperatures will reduce reaction times, while lower temperatures will increase reaction times.

Consumption rates

- On non-absorbent substrates approx. 0.30 kg/m^2
- On absorbent substrates approx. 0.60 kg/m^2

Technical data

Density:
Resin (comp. A): 1.13 g/cm^3
Hardener (comp. B): 0.99 g/cm^3
Wepox 100: 1.08 g/cm^3

Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Sheepskin roller
- Brush (only for areas not accessible with the sheepskin roller)

Substrate to be coated

The primer must only be applied to a prepared substrate.
Please refer to the appropriate application guide for information about correct surface preparation.



Mixing

Stir the resin (comp. A) with a slow-speed stirrer, quickly add the hardener (comp. B) and mix for 2 minutes. Repeat this mixture and mix thoroughly once again.

Make sure that the product on the base and sides of the container is mixed in.

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Application

Use the sheepskin roller to apply an even film-forming coat of primer. Avoid creating puddles of primer. Once the coating has cured, apply a second coat to cover any defects (bubbles, areas not fully coated).

The primer should be overcoated with the next WestWood products within 24 of its application. Failure to do this might reduce adhesion between the primer and the next layer.

Preparation for subsequent layers

For the subsequent application of Wecryl Mortar 242:

Once the primer has hardened, apply a second coat and top with a little quartz sand (0.2 – 0.6 mm) while the primer is still wet. Avoid applying excess amounts of sand.

Vacuum off the loose sand after the surface has hardened.

The sand topping creates the necessary key, i.e. roughness, for application of the mortar.

Never apply the topping to the first coat of primer.

Cleaning

If work is interrupted or when it is completed, clean the tools thoroughly with Weplus Cleaning Agent within the pot life of the material (approx. 10 minutes). This can be done with a brush. Do not use the tools again until the Cleaning Agent has evaporated fully.

Simply immersing the tools in the Cleaning Agent will not prevent the material from hardening.

Information on safety and risks

Please refer to the safety data sheets for the products used.

General information

The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.