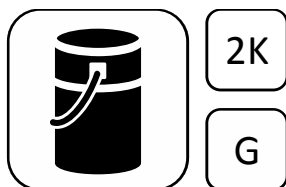


Wecryl 276 K

Scratch-coat primer for absorbent mineral substrates



Brief description

Wecryl 276 K is a fast-reactive, filled scratch-coat primer used as a barrier on highly absorbent mineral substrates in preparation for the later application of WestWood waterproofing or surfacing products.

It is specifically designed for use on substrates with coarse porosity and/or containing residual moisture (the surface must be dry).

Material

2-component, fast-reactive, PMMA-based (polymethyl methacrylate) scratch-coat primer, made thixotropic and filled with quartz sand

Properties and advantages

- Optimum filling of pores and pinholes
- Minimal run-off on vertical surfaces
- Very good adhesion on absorbent substrates
- Fast-curing
- Hydrolysis- and alkali-resistant
- Solvent-free

Areas of application

Wecryl 276 K is used for the pre-treatment (primer and barrier) of absorbent, mineral substrates with high residual moisture (the surface must be dry) or large pores and pinholes in preparation for the later application of WestWood waterproofing/surfacing products.

Packaging



Summer:

10.00 kg Wecryl 276 K
0.30 kg Weplus catalyst
(3 x 0.1 kg)

10.30 kg

Winter:

10.00 kg Wecryl 276 K
0.60 kg Weplus catalyst
(6 x 0.1 kg)

10.60 kg

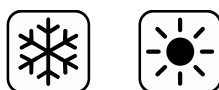
Colours

Wecryl 276 K 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
Wecryl 276 K	+3 to +35	+3 to +50*	+3 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 $\leq 90\%$.

The surface to be coated must be dry and ice-free.

The surface must be protected from moisture until the coating has hardened.

Substrates, e.g. young concrete, containing residual moisture can be coated provided they have set sufficiently and the substrate is properly prepared.

Reaction times and required amounts of catalyst

	Wecryl 276 K (at 20 °C, 3 % Weplus catalyst)
Pot life	approx. 10 minutes
Rain-proof after	approx. 30 minutes
Can be walked on / overcoated after	approx. 30 minutes
Curing time	approx. 2 hours

Higher temperatures or greater proportions of Weplus catalyst will reduce reaction times, while lower temperatures and smaller proportions of Weplus catalyst will increase reaction times.

The following table indicates the recommended amount of Weplus catalyst required to adjust the curing reaction to the temperature.

Product	Substrate temperature in °C; required amounts of Weplus catalyst in % w/w (guide)												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
276 K	-	-	6%	6%	4%	4%	2%	2%	2%	2%	1%	1%	1%

Consumption rates

Substrate	Consumption
Smooth	0.80 kg/m ²
Fine-sandy	0.90 kg/m ²
Rough	1.00 kg/m ²

Technical data

Density: 1.37 g/cm³

Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Smoothing trowel

Substrate preparation

The primer must only be applied to a prepared substrate.

Please refer to the appropriate application guide for information about correct surface preparation.



Mixing

First stir the tub contents thoroughly.

Then add the Weplus catalyst while stirring the resin at the slow-speed setting and mix for 2 minutes. Make sure that the product on the base and

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sides of the container is mixed in.

At product temperatures < 10 °C the product should be stirred for 5 minutes, as the Weplus catalyst will take longer to dissolve.

Application

Use a smoothing trowel to apply an even, film-forming layer.

Avoid any build-up of material.

When hardened, check the primed surface for any areas not completely covered or any bubbles that have developed. Apply a second coat to cover these areas.

Preparation for subsequent layers:

None required

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.

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