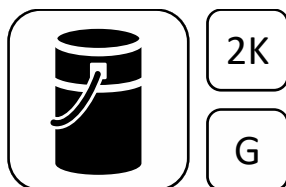


Wecryl 176 K

Primer/Scratch coat for highly absorbent mineral substrates



Brief description

Wecryl 176 K is a fast-curing, 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-curing, 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 176 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.

Pack size



Summer:		Winter:	
10.00 kg	Wecryl 176 K	10.00 kg	Wecryl 176 K
<u>0.30 kg</u>	Wekat 900	<u>0.60 kg</u>	Wekat 900
10.30 kg		10.60 kg	
Summer:		Winter:	
25.00 kg	Wecryl 176 K	25.00 kg	Wecryl 176 K
<u>0.80 kg</u>	Wekat 900	<u>1.60 kg</u>	Wekat 900
25.80 kg		26.60 kg	

Standard colour

- white

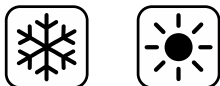
Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. The unopened products have a shelf life of at least 12 months from the date of delivery. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.

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Application conditions



Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Wecryl 176 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.

Moisture

The relative humidity must be ≤ 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 developed sufficient strength and the substrate is properly prepared.

Reaction times and required amounts of catalyst

	Wecryl 176 K (at 20 °C, 3% catalyst)
Pot life	approx. 10 min
Rainproof	approx. 30 min
Can be walked on/ overcoated	approx. 30 min
Curing time	approx. 2 hours

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

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

Product	Substrate temperature in °C; required amounts of Wekat 900 in % w/w (guide)												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
Wecryl 176 K	-	-	6%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%

Consumption rates

Substrate

smooth
fine-sandy
coarse

Consumption

approx. 0.80 kg/m²
approx. 0.90 kg/m²
approx. 1.00 kg/m²

Technical data

Density:

1.15 g/cm³

Product application



Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

- Smoothing trowel

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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 catalyst while stirring the resin at the slow-speed setting and mix for 2 minutes.

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

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

Application

Apply an even and film-forming coat of primer with the smoothing trowel. Any build-up of material should be avoided.

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 WestWood 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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