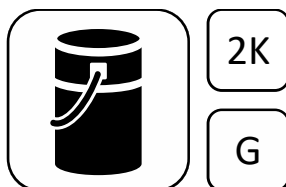


Wecryl 171

Low-viscosity primer for mineral substrates



Material

Brief description

Wecryl 171 is a low-viscosity primer for mineral substrates before WestWood waterproofing or surfacing products are applied. Good penetrating power makes this product a superior deep-acting primer that also closes pores and stabilises the substrate.

2-component, fast-curing, low-viscosity, PMMA-based primer (PMMA = polymethyl methacrylate)

Properties and advantages

- Easy and fast application
- Low viscosity
- Good residual dust control
- Hydrolysis- and alkali-resistant
- Fills pores, pinholes and cracks
- Very good wetting and penetrating properties
- Surface-stabilising

Areas of application

Wecryl 171 is used for pre-treating (as primer and barrier) slightly absorbent mineral substrates (concrete, screed etc.) in preparation for the subsequent application of WestWood waterproofing / surfacing products. It offers improved effectiveness in closing pores and pinholes.

Pack size



Summer:		Winter:	
5.00 kg	Wecryl 171	5.00 kg	Wecryl 171
<u>0.20 kg</u>	Wekat 900	<u>0.30 kg</u>	Wekat 900
5.20 kg		5.30 kg	
Summer:		Winter:	
10.00 kg	Wecryl 171	10.00 kg	Wecryl 171
<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 171	25.00 kg	Wecryl 171
<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. If only some of the contents are removed, 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 171	+3 to +35	+3 to +40*	+3 to +30

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

Humidity and moisture

The relative humidity must be ≤ 90 %.

The surface to be coated must be dry. We recommend drying the substrate with a flame stripper (arc width up to 1.50 m). Wecryl 171 must be applied as soon as the substrate has cooled.

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

Reaction times and required amounts of catalyst

	Wecryl 171 (at 20 °C, 3 % Wekat 900)
Pot life	approx. 15 min
Rainproof	approx. 30 min
Walkable/overlayable	approx. 45 min
Fully cured	approx. 2 h

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 catalyst in % w/w (guide)												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
Wecryl 171	-	-	6%	6%	4%	3%	3%	2%	2%	1%	1%	-	-

Consumption rates

Substrate

Smooth
Fine-sandy
Rough

Consumption

approx. 0.50 kg/m²
approx. 0.80 kg/m²
approx. 1.00 kg/m²

Technical data

Density:

1.05 g/cm³

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Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

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

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 scrape the inside of the lid against the side of the tub to collect any paraffin that might have adhered to the lid.

Stir the tub contents thoroughly. Then add Wekat 900 while stirring at the slow-speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is incorporated. At product temperatures < 10 °C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

Application

Use a rubber squeegee or sheepskin roller to apply an even and film-forming coat of primer. If the product disappears completely into the substrate in patches, more resin can be applied wet in wet until a thin film is visible. Once the coating has cured, apply a second coat to cover any defects (bubbles, skips).

Avoid creating puddles.

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. 15 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 applicator to test the product 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 that reflect advances in technology or offer improvements to our products.

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