

# Wecryl 108

## Primer for Wecryl Surface Protection System OS 8



### Brief description

Wecryl 108 is a fast-curing, low-viscosity primer. It was developed specifically for use with the WecrylSurface Protection System OS 8, applied in conjunction with Wecryl 408 it achieves high levels of mechanical and chemical resistance.

### Material

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

### Properties and advantages

- Easy and fast application
- Hydrolysis- and alkali-resistant
- Fills pores, pinholes and cracks
- Stabilises the surface
- Fast-curing
- Solvent-free

### Areas of application

- On concrete substrates in the Wecryl Surface Protection System OS 8

### Pack Size



Summer:	Winter:
5.00 kg Wecryl 108	5.00 kg Wecryl 108
<u>0.20 kg</u> Wekat 900 (2 x 0.1 kg)	<u>0.30 kg</u> Wekat 900 (3 x 0.1 kg)
5.20 kg	5.30 kg
Summer:	Winter:
10.00 kg Wecryl 108	10.00 kg Wecryl 108
<u>0.30 kg</u> Wekat 900 (3 x 0.1 kg)	<u>0.60 kg</u> Wekat 900 (6 x 0.1 kg)
10.30 kg	10.60 kg
Summer:	Winter:
25.00 kg Wecryl 108	25.00 kg Wecryl 108
<u>0.80 kg</u> Wekat 900 (8 x 0.1 kg)	<u>1.60 kg</u> Wekat 900 (16 x 0.1 kg)
<u>25.80 kg</u>	<u>26.60 kg</u>

### Colours

- unpigmented
- white

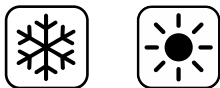
### Storage

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. 6 months shelf life. 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 108	+3 to +35	+3 to +35*	+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 primer must be protected from moisture until it has hardened.

### Reaction times and required amounts of Wekat Catalyst

	Wecryl 108 (at 20 °C, 2% Wekat Catalyst)
Pot life	approx. 12 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. Conversely, lower temperatures or smaller proportions of catalyst will lead to longer reaction times.

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

Product	Temperature (°C)								
	-5	+3	5	10	15	20	25	30	35
Wecryl 108	-	6%	6%	4%	4%	3%	3%	3%	2%

### Consumption rates

Substrate	Consumption
smooth	approx. 0.50 kg/m <sup>2</sup>
fine-sandy	approx. 0.60 kg/m <sup>2</sup>
coarse	approx. 0.70 kg/m <sup>2</sup>

### Technical data

Density:	(unpigmented)	1.01 g/cm <sup>3</sup>
	White	1.05 g/cm <sup>3</sup>
Dynamic viscosity at 23 °C:		160 mPa*s

### Product application



### Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

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

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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 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 also mixed in.  
At product temperatures < 10 °C the product should be stirred for 4 minutes, as the Wekat Catalyst will take longer to dissolve.

### 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 or patches that are not fully covered.  
The primer coating must form a continuous film over the entire substrate before the next layers can be applied.

**If too little material is applied, this can result in problems with the curing process as polymerisation is interrupted.**

### 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. 12 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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