

# Wecryl 122

## Low-viscosity primer for high-compacted concrete



### Brief description

Wecryl 122 is a fast-curing, low-viscosity primer with good penetration properties when applied to high-compacted concrete. Depending on the substrate (porosity, roughness and penetrating power), two consecutive coats may need to be applied. The first coat must be allowed to harden fully before the second one is applied.

### 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
- Penetrates and stabilises the surface

### Areas of application

Wecryl 122 is used as a primer on high-compacted concrete. On concrete with increased porosity, pinholes and pores or a dusting surface, we recommend first coating a test area.

### Pack size



Summer:		Winter:	
5.00 kg	Wecryl 122	5.00 kg	Wecryl 122
<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 122	10.00 kg	Wecryl 122
<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 122	25.00 kg	Wecryl 122
<u>0.80 kg</u>	Wekat 900	<u>1.60 kg</u>	Wekat 900
<u>25.80 kg</u>		<u>26.60 kg</u>	

### Colours

Wecryl 122 is available in the following standard colours:

- white
- 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. If only some of the contents are removed, reseal the containers so they are airtight.

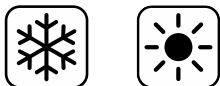


Product information

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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 122	+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.

**Humidity**

The relative humidity must be ≤ 90 %.

The surface to be coated must be dry.

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

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

**Reaction times and required amounts of catalyst**

	Wecryl 122 (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 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)											
	-5	+3	5	10	15	20	25	30	35	40	45	50
Wecryl 122	-	6%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%

**Consumption rates**

Substrate	Consumption
smooth (per coat)	0.40 kg/m <sup>2</sup>
fine-sandy (per coat)	0.50 kg/m <sup>2</sup>

Depending on the ambient, surface and application conditions, other product consumption rates may be necessary to achieve the required thicknesses.

**Technical data**

Density:	1.00 g/cm <sup>3</sup>
Viscosity: at 23 °C	100 mPa*s
at 5 °C	200 mPa*s

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#### 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)

#### 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 at the slow-speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in.

At product temperatures < 10 °C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

#### Application

Use a sheepskin roller to apply an even and film-forming coat of primer. Avoid creating puddles.

Once the coating has cured, apply a second coat to cover any defects or patches that are not fully covered.

The entire surface must be coated with a film of primer before it can be overcoated and if necessary, a second application may be required. A WestWood primer may be used for this second application as appropriate.

#### Preparation for subsequent layers

For subsequent application of Wecryl 842 - repair and levelling mortar:

Once the primer has hardened, apply a second coat and top with a little quartz sand (0.1 - 0.2 kg/m<sup>2</sup> of 0.2 – 0.6 mm) while the primer is still wet. The sand topping creates the necessary key, i.e. roughness, for application of the mortar.

Never apply the quartz sand to the first coat of primer.

#### If too little material is applied, curing problems may arise due to interrupted polymerisation.

#### Cleaning

When work is interrupted or 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.



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#### 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 that reflect advances in technology or offer improvements to our products.

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