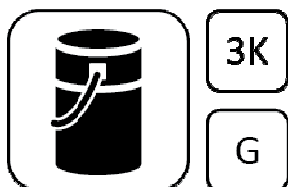


# Wecryl 124

## Primer for damp substrates



### Material

#### Brief description

Wecryl 124 is used as a fast-curing primer for damp mineral substrates.

3-component, fast-reactive / fast-curing PMMA-based (polymethyl methacrylate) resin primer with a special filler mix

### Properties and advantages

- Easy and fast application
- Can be used on damp mineral substrates
- Resistant to rising damp
- Hydrolysis- and alkali-resistant
- Functions as a moisture barrier
- Tested in acc. with ZTV-ING part 7 in compliance with the technical test specifications TP/BEL-EP and the technical delivery specifications TL/BELEP.
- Tested in acc. with TP/BEL-EP for application to new, 7-day-old concrete

### Areas of application

Wecryl 124 is used as a primer on damp mineral substrates. It acts as a reliable capillary barrier against rising damp and where there is increased residual moisture.

### Packaging



18.60 kg Wecryl 124 comp. A  
10.00 kg Wecryl 124 comp. B (additive)  
0.30 kg Weplus catalyst (3 x 0.1 kg)  
28.90 kg

### Colours

Wecryl 124 component A (resin): unpigmented  
Wecryl 124 component B (additive): grey

### 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 124	+5 to +30	+5 to +35*	+5 to +30

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

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#### Humidity and moisture

The relative humidity must be  $\leq 90\%$ . The surface to be coated can be damp, but there must not be any standing water. The surface must be protected from moisture until the product has hardened.

Fresh, 7-day-old concrete must not be coated.

Otherwise all cementitious substrates with raised residual moisture can be coated provided that 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 124 (at 20 °C, 1 % Weplus catalyst to total mix)
Pot life	approx. 7 minutes
Rain-proof	approx. 30 minutes
Can be walked on / overcoated	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; Weplus catalyst added in % w/w					
	+1	5	10	15	20	25
Wecryl 124 Mixture	3.3 % 944 g	2.0 % 572 g	1.5 % 429 g	1.2 % 343 g	1 % 286 g	0.7 % 200 g

**Important:** The specified amount of Weplus catalyst to be added is based on the total quantity of Wecryl 124 (comp. A + comp. B)

#### Consumption rates

Substrate	Consumption
Smooth (per coat)	0.50 – 0.70 kg/m <sup>2</sup>
Fine-sandy (per coat)	0.50 – 1.20 kg/m <sup>2</sup>

#### Technical data

Density:	
Wecryl 124 comp. A	1.00 g/cm <sup>3</sup>
Wecryl 124 comp. B	3.00 g/cm <sup>3</sup>
Wecryl 124 mixture	1.50 g/cm <sup>3</sup>
Viscosity of mixture (at 23 °C): (Mixture)	2000 – 4000 mPas

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#### Product application



#### Application equipment / tools

For mixing the product:

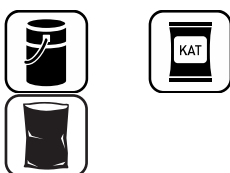
- Twin-paddle stirrer

For applying the product:

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

#### Substrate preparation

The primer must only be applied to a prepared substrate. We advise against abrading the substrate. The substrate pre-treatment expressly recommended is the Blastrac shot-blasting process or bush-hammering (e.g. FLEX bush-hammer LST 803 VR). Wecryl 124 can be applied to all damp, and even to wet, mineral substrates. There is no restriction on residual moisture. However, there must not be any standing water on the surface. If necessary use a rubber squeegee to remove excess water. Wecryl 124 primer contains a special filler mix that ensures excellent adhesion to the substrate under damp conditions. Please refer to the appropriate application guide for information about correct surface preparation.



#### Mixing

First stir component A (resin) thoroughly. Then add component B (additive) to the resin while stirring and continue to stir for at least 5 minutes until the mixture is smooth. Then add the Weplus 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 below 10 °C the Weplus catalyst will take longer to dissolve, therefore stir for approx. 3 minutes.

#### Application

Use the rubber squeegee to apply an even coat of Wecryl 124, then work the product well into the surface with the brush. Make sure that the entire area is coated in this way. It is essential that the product is worked well into the surface to ensure good adhesion to the substrate. Since the pot life is short, we recommend careful preparation of the individual operations.

#### 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.

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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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