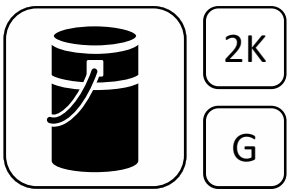
Product information sheet

Wecryl 110

Primer for asphalt and bituminous substrates



Brief description
Wecryl 110 is a fast-curing primer that acts as a barrier on asphalt and bituminous substrates in preparation for the subsequent application of WestWood waterproofing or surfacing products.

Material

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

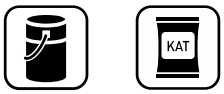
Properties and advantages

- Very good adhesion to asphalt substrates
- Easy to apply
- Can be applied even at sub-zero temperatures
- Fast-curing
- Hydrolysis- and alkali-resistant
- Solvent-free

Areas of application

Wecryl 110 is used for the pre-treatment (primer and barrier coat) of asphalt substrates (e.g. mastic asphalt) for the later application of WestWood waterproofing or surfacing products.

Pack Size



Summer:		Winter:	
5.00 kg	Wecryl 110	5.00 kg	Wecryl 110
0.20 kg	Wekat 900	0.30 kg	Wekat 900
5.20 kg		5.30 kg	

Summer:		Winter:	
10.00 kg	Wecryl 110	10.00 kg	Wecryl 110
0.30 kg	Wekat 900	0.60 kg	Wekat 900
10.30 kg		10.60 kg	

Summer:		Winter:	
25.00 kg	Wecryl 110	25.00 kg	Wecryl 110
0.80 kg	Wekat 900	1.60 kg	Wekat 900
25.80 kg		26.60 kg	

Standard colours

- 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 12 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.

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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 110	-5 to +35	-5 to +50*	+3 to +30

* The substrate temperature must be at least 3 °C above the dew point during application and curing.
The substrate temperature must not be less than +3 °C if a topping is applied to the surface (see "Preparation for subsequent layers"). Reaction problems can occur at lower temperatures.

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.

Reaction times and required amounts of catalyst

	Wecryl 110 (at 20 °C, 3% catalyst)
Pot life	approx. 12 min
Rainproof	approx. 30 min
Can be walked on/ overcoated	approx. 45 min
Curing time	approx. 3 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 catalyst in % w/w (guide)											
	-5	+3	5	10	15	20	25	30	35	40	45	50
Wecryl 110	6%	6%	6%	4%	3%	3%	3%	2%	2%	1%	1%	1%

Consumption rates

Substrate	Consumption
smooth	approx. 0.50 kg/m²
fine-sandy	approx. 0.60 kg/m²
coarse	approx. 0.70 kg/m²

Technical data

Density:	1.00 g/cm³
Viscosity:	260 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. If Wecryl 110 is used on fresh asphalt, (< 90 days old), it could lead to problems with the curing process.

It is therefore recommended to create a test area before the application. If necessary, increasing the amount of catalyst can help to prevent curing problems.


Mixing

First stir the tub contents thoroughly.
Then add the Wekat 900 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 mixed in.
At product temperatures < 10 °C the product should be stirred for 5 minutes, as the 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 (bubbles, areas not fully coated).

Preparation for subsequent layers

For subsequent application of Wecryl 842 - Repair and Levelling Mortar:
Once the primer has hardened, apply a second layer and top with a little quartz sand (0.1 – 0.2 kg/m^2 at 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 topping to the first coat of primer.

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.

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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 to reflect advances in technology or improvements to our products.

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