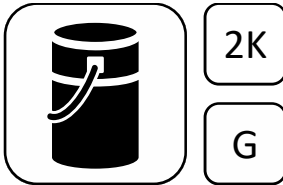


Wecryl 130 - Green

Primer or sealer, compliant with TL/TP-BEL-EP and H PMMA



Brief description

Wecryl 130 is a fast-curing, low-viscosity and solvent-free primer for concrete. Wecryl 130 is tested in accordance with the “Technical Delivery Conditions / Technical Test Specifications for Resins used in Primers, Sealants and Scratch Coats under Asphalt Surfacing on Concrete” (TL/TP-BEL-EP) and the additional H PMMA requirements, and can be used for the installation of waterproofing systems consisting of welded polymer-bitumen sheeting on a sealer, primer or scratch coat of PMMA, for civil engineering structures. Wecryl 130 is approved for application on young concrete (> 7 d). Its application/usability on structures and components of roads was verified in the “Compilation of certified substances and substance systems according to TL-BEL-EP”, a list by the German Federal Highway Research Institute (BASt). Wecryl 130 is also a component of the Wecryl Waterproofing System under asphalt (TL/TP-BEL-B 3 and ETAG 033).

Material

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

Characteristics and benefits

- Increased penetration depth, even at low temperatures
- Tested against moisture penetration from below
- Rapid curing
- Hydrolysis- and alkali-resistant
- Improved heat-resistance (welded sheet, poured asphalt)
- Fills pores and pinholes
- Solvent-free
- Stabilises the surfaces of inferior grades of concrete
- Can be used at low temperatures from 3 °C

Approval / Areas of application

The product can be used for new surfacing, or existing surfacing that needs to be fully or partially replaced, on concrete bridge deck slabs with welded polymer-bitumen sheeting as the sealing layer.

Wecryl 130 is approved and tested in accordance with TL/TP-BEL-EP and H PMMA, as well as the compatibility tests in accordance with TL/TP-BEL-B, Part 1, and can therefore be applied on concrete bridge deck surfacing with welded polymer-bitumen sheeting as the waterproofing layer.

Approved welded polymer-bitumen sheeting:

- BÖRNER OK 50 N - welded polymer-bitumen sheeting
- VEDAG, VEDAPONT BE - welded polymer-bitumen sheeting
- AXTER, B3A SA-P - welded polymer-bitumen sheeting
- SikaShield Ergobit Pro

Standard colour

Greenish

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Storage

Store products sealed in their original airtight container in a cool, dry, frost-free place. Unopened products have a shelf life of at least 12 months. Direct sunlight should be avoided on the containers, including on site. If only some of the contents are removed, reseal the containers so they are airtight.

Pack size



Summer:

25.00 kg Wecryl 130

0.80 kg Wekat 900

25.80 kg

Winter:

25.00 kg Wecryl 130

1.60 kg Wekat 900

26.60 kg

Application conditions



Temperatures

The product can be applied in the following temperature ranges:

Product	Temperature range (°C)		
	Air	Substrate	Material
Wecryl 130	+3 to +35	+3 to +30*	+3 to +30

The surface temperature must be at least 3 °C above dew point.

Curing times and required amounts of catalyst

	Wecryl 130 (at 20 °C, 1.5% catalyst)
Potlife	approx. 10 min
Rainproof	approx. 30 min
Can be walked on / overlaid	approx. 60 min
Fully cured	approx. 3 hours

Product	Substrate temperature in °C / Required amounts of catalyst in % w/w (guide)									
	-5	+3	+5	+10	+15	+20	+25	+30	+35	+40
Wecryl 130	-	6%	4%	3%	3%	2%	2%	1%	1%	-

Technical specifications

Density:

1.00 g/cm³

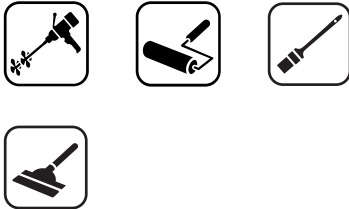
Application rate:

See “**System build-up suitable for the concrete surface or roughness heights**”

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Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Rubber squeegee (take care to ensure adequate coverage) and then smooth out with the sheepskin roller
- Brush (only for areas not accessible with the sheepskin roller)



Mixing

First stir the tub contents thoroughly for at least 1 min.

Then add the catalyst while stirring at a slow-speed setting, and mix for 2 minutes. Make sure that the product is incorporated on the bottom and sides of the container.

At product temperatures < 10 °C the product should be stirred for 5 minutes, as the catalyst will take longer to dissolve. This applies especially if you are preparing a scratch coat.

Application

Use the rubber squeegee to apply the recommended amount and then roll it on with the sheepskin roller for an even and film-forming coat of primer. Due to its low viscosity, Wecryl 130 penetrates deep into the substrate. Therefore, wait two to three minutes before topping to see if the Wecryl 130 still forms a film on the concrete surface. If the material penetrates too deeply into the substrate, you need to add a further amount of Wecryl 130. This is the only way to make sure that the quartz sand stays embedded in the Wecryl 130.

Further application guidelines can be found in the Wecryl H PMMA Sealing System installation instructions and the Wecryl Waterproofing System under asphalt installation instructions.

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. 10 minutes). This can be done with a brush. Do not use the tools again until the cleaning agent has evaporated completely. 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.



Product information sheet

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General information

The preceding information, especially with regard to the application of the products, is based on extensive development work and many years of experience and is provided as the best of our knowledge.

However, the wide variety of requirements and conditions on sites mean it is necessary for the installer to test the product to verify its suitability 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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