

## Wecryl 130 - Green Primer or Sealer / Finish in acc. 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 on the basis of the “Technical Delivery Specifications / Technical Test Specifications for Catalyzed Resins for Primers, Sealants and Scratch Coats under Asphalt Surfacing on Concrete”, (TP-BEL-EP) and the additional H PMMA requirements and may be used for the production of waterproofing systems consisting of a welded polymer-bitumen sheet on a PMMA-based seal coat, primer or scratch coat for civil engineering structures. Wecryl 130 is approved for application to young concrete (> 7 d). The application and usability on structures and components of the Federal Transport Network is verified in the "Compilation of certified substances and substance systems according to TL-BEL-EP", a list by the Federal Highway Research Institute (BAST).

### Material

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

### Properties and advantages

- Increased penetration depth also at low temperatures
- Tested against damp penetration from behind
- Fast-curing
- Hydrolysis- and alkali-resistant
- Improved heat-resistance (welded sheet, mastic asphalt)
- Fills pores and cracks
- Solvent-free
- Stabilises the surfaces of inferior grades of concrete
- Can be used at temperatures as low as 0 °C

### Approval / Areas of application

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

Approved Welded polymer-bitumen sheeting:

- BÖRNER OK 50 N - Welded polymer-bitumen sheet
- VEDAPONT BE – Welded polymer-bitumen sheet

### Colour

greenish

### Storage

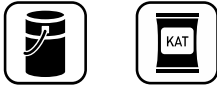
Store products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.



Product information sheet

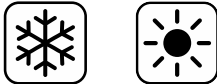
**Wecryl 130 - Green**  
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**TL/TP-BEL-EP and H PMMA**

**Pack size**



|                |            |                |            |
|----------------|------------|----------------|------------|
| Summer:        |            | Winter:        |            |
| 25.00 kg       | Wecryl 130 | 25.00 kg       | Wecryl 130 |
| <u>0.80 kg</u> | Wekat 900  | <u>1.60 kg</u> | Wekat 900  |
| 25.80 kg       |            | 26.60 kg       |            |

**Application conditions**



**Temperatures**

The product can be applied within the following temperature ranges:

| Product    | Temperature range, in °C |           |           |
|------------|--------------------------|-----------|-----------|
|            | Air                      | Substrate | Material  |
| Wecryl 130 | 0 to +35                 | 0 to +30* | +3 to +30 |

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

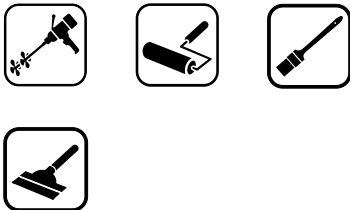
**Reaction times and required amounts of catalyst**

|                                 | Wecryl 130 (at 20 °C, 1.5% catalyst) |
|---------------------------------|--------------------------------------|
| Pot life                        | approx. 10 min                       |
| Rainproof                       | approx. 30 min.                      |
| Can be walked on/<br>overcoated | approx. 60 min                       |
| Curing time                     | approx. 3 hours                      |

**Technical data**

Density: 1.00 g/cm<sup>3</sup>  
 Consumption: see **“System build-up suitable for the concrete surface or roughness heights”**

**Product application**



**Application equipment / tools**

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

- Rubber squeegee (ensure adequate consumption rate), then use the sheepskin roller to smooth over.
- Brush (only for areas not accessible with roller)



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### Mixing

First stir the tub contents thoroughly for at least 1 minute. Then add the catalyst 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. This applies especially if you are preparing a scratch coat.

### Application

Use the rubber squeegee to apply the recommended amount and then roll on with the sheepskin roller for an even and film-forming coat of primer. Due to the 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 an even film on the concrete surface. If the material penetrates too deeply into the substrate, you need to add a further amount of Wecryl 130. Only this way it can be ensured that the quartz sand remains embedded in the Wecryl 130.

Further information can be found in the installation guideline Wecryl H PMMA Sealing System.

### Cleaning

When work is interrupted or completed the tools must be cleaned thoroughly with WestWood Cleaning Agent within the pot life of the product (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.

### 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.

Rev.: 01 February 2022