

Wecryl 131 K - Green

Ready-to-apply scratch coat in acc. with TL/TP-BEL-EP and H PMMA



Brief description

Wecryl 131 K is fast-curing, pre-filled and solvent-free scratch coat, tested in the Wecryl H PMMA Sealing System 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. Wecryl 131 K may be used for the production of waterproofing systems consisting of a welded polymer-bitumen sheet on the PMMA-based Wecryl 130 primer for civil engineering structures.

Material

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

Properties and advantages

- Easy to apply
- Fast-curing
- Hydrolysis- and alkali-resistant
- Heat-resistant (welded sheeting, mastic asphalt)
- Premixed at the factory
- Solvent-free
- 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 131 K is approved and tested as part of a system 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 as 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

Storage

greenish

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.

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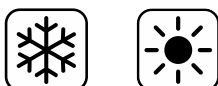
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Pack size



| | | | |
|----------------|--------------|----------------|--------------|
| Summer: | | Winter: | |
| 25.00 kg | Wecryl 131 K | 25.00 kg | Wecryl 131 K |
| <u>0.30 kg</u> | Wekat 900 | <u>0.50 kg</u> | Wekat 900 |
| | (3 x 0.1 kg) | | (5 x 0.1 kg) |
| 25.30 kg | | 25.50 kg | |

Application conditions



Temperatures

The product can be applied within the following temperature ranges:

| Product | Temperature range, in °C | | |
|--------------|--------------------------|-----------|-----------|
| | Air | Substrate | Material |
| Wecryl 131 K | 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 131 (at 20 °C, 1.0% catalyst) |
|------------------------------|--------------------------------------|
| Pot life | approx. 12 min |
| Rainproof | approx. 30 min. |
| Can be walked on/ overcoated | approx. 60 min |
| Curing time | approx. 3 hours |

Technical data

| | |
|--------------|--|
| Density: | 1.70 g/cm ³ |
| 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:

- Rectangular float
- Smoothing trowel
- Rubber squeegee (take care to ensure adequate consumption rate)



First stir the tub contents thoroughly.

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.



Product information sheet

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Application

The scratch coat can be evenly applied on the hardened primer with a smoothing trowel.

Any build-up of material should be avoided.

When hardened, check the primed surface for any areas not completely covered or any bubbles that have developed. Apply a second coat to cover these areas.

If an insufficient amount of material is applied, curing problems may arise due to interrupted polymerisation.

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.

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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