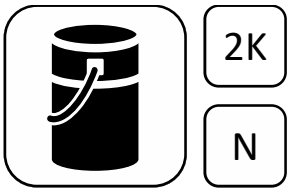
Product information sheet

Wecryl 484

Finish, reflective



Brief description
Wecryl 484 is used as a durable, reflective seal coat for flat roofs.
It is a high-grade finish that is able to withstand mechanical stress, resistant to flying brands and radiant heat (hart roof) B_{ROOF} (t1) in acc. with DIN EN 13501-5 on system primer Wecryl 114.

Material

2-component, fast-curing, pigmented PMMA-based (polymethyl methacrylate) sealing resin

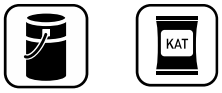
Properties and advantages

- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Chloride-resistant
- Easy and fast application
- Fast-curing
- Solvent-free
- Reduced heat absorption

Areas of application

Wecryl 484 is used as a finish for Wecryl 114.

Pack size



Summer:		Winter:	
10.00 kg	Wecryl 484	10.00 kg	Wecryl 484
0.20 kg	Wekat 900	0.40 kg	Wekat 900
10.20 kg		10.40 kg	

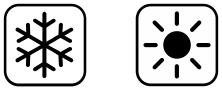
Standard colour

White

Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. The products have a shelf life of at least 12 months from the delivery date when unopened. 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 484	-5 to +35	+3 to +40*	+3 to +30

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

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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 Wekat 900

	Wecryl 484 (at 20 °C)
Pot life	approx. 15 min
Rainproof	approx. 45 min
Can be walked on/ overcoated	approx. 60 min
Curing time	approx. 3 hours

Higher temperatures or greater proportions of Wekat 900 will shorten reaction times, while lower temperatures and smaller proportions of Wekat 900 will extend reaction times.
The following table indicates the recommended amount of Wekat 900 required to adjust the curing reaction to the temperature.

Product	**Substrate temperature in °C; required amounts of Wekat 900 in % w/w (guide)**												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
Wecryl 484	-	-	4%	4%	4%	2%	2%	2%	2%	1.5%	1.5%	-	-

Consumption rates

Substrate	**Consumption**
smooth	approx. 0.60 – 0.80 kg/m²

Technical data

Density: 1.20 g/cm³

Product application

Application equipment / tools

For mixing the product:
- Mixing tool with twin-paddle stirrer

For applying the product:
- Finishing roller (microfibre)

Substrate preparation
The finish is applied on top of the hardened Wecryl 114 primer.

Mixing
First stir the tub contents thoroughly.
Then add the Wekat 900 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 also mixed in.
At product temperatures < 10 °C the product should be stirred for 4 minutes, as the Wekat 900 will take longer to dissolve.

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Application
Use the finish roller to apply an even layer of the mixed material (approx. 0.6 kg/m²). Avoid fluctuating layer thicknesses.

Cleaning

When work is interrupted or completed, clean the tools thoroughly with WestWood cleaning agent within the pot life of the material (approx. 15 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 November 2025