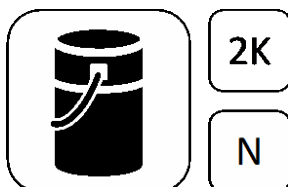


# Wecryl 829 Maintenance Finish



### Brief description

Wecryl 829 is a transparent finish applied to luminescent Wecryl 481 GlowLine markings. It is designed to make the surface even shinier and more resistant.

### Material

2-component, fast-curing, largely wax-free (paraffin-free), PMMA-based (polymethyl methacrylate) sealing resin

### Properties and advantages

- Transparent
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Good dirt-repellent properties
- Easy to clean
- Chloride-resistant
- Easy and fast application
- Fast-curing
- Solvent-free
- Hydrolysis-stable
- Approved in acc. with DIN 67510 part 1 in conjunction with Wecryl 481 GlowLine
- Resistant to a wide range of chemicals

Heating oil	++(***)	Caustic potash solution 20 %	++(***)
Diesel	++(***)	Caustic soda solution 32 %	++(***)
Ethanol	-(*)	Ammonia 25 %	+(***)
Glass cleaner	++(***)	Acetic acid 10 %	++(***)
Olive oil	++(***)	Hydrochloric acid 15 %	+(***)
Coffee	++(***)	Sulphuric acid 30 %	++(***)
Orange juice	++(***)	Phosphoric acid 20 %	++(***)
Red wine	++(***)	Citric acid 10 %	++(***)
Coke	++(***)	Nitric acid 20 %	+(***)
Fanta	++(***)	De-icing salt, saturated	++(***)
Beer	++(***)		

Note:

++	resistant
+	resistant, but with discoloration
-	limited resistance
--	not resistant

(\*) = 1 h resistance++  
 (\*\*) = 24 h resistance++  
 (\*\*\*) = 28 days resistance++

The figures were determined under indoor climate conditions.

# Wecryl 829 Maintenance Finish

## Areas of application

Wecryl 829 is an optional component of the luminescent Wecryl GlowLine marking system. Due to the amount of dust and debris from tyre abrasion generated in indoor areas, the Maintenance Finish is essential for guaranteeing a prolonged luminescent effect.

## Pack size



Summer		Winter	
2.00 kg	Wecryl 829	2.00 kg	Wecryl 829
<u>0.06 kg</u>	Wekat 900	<u>0.10 kg</u>	Wekat 900
2.06 kg		2.10 kg	

Summer		Winter	
5.00 kg	Wecryl 829	5.00 kg	Wecryl 829
<u>0.10 kg</u>	Wekat 900	<u>0.20 kg</u>	Wekat 900
5.10 kg		5.20 kg	

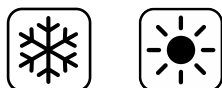
## Colours

Transparent

## Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. The unopened products have a shelf life of at least 6 months from the date of delivery. Direct sunlight on the containers should be avoided, including on site. If only some of the contents are removed, 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 829	-5 to +20	+3 to +25*	+3 to +25

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

### Humidity and 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 829 (at 20 °C, 1 % Wekat 900)
Pot life	approx. 15 min
Rainproof	approx. 45 min
Walkable/overlayable	approx. 60 min
Fully cured	approx. 3 h

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.

## Wecryl 829 Maintenance Finish

The following table indicates the recommended amount of Wekat 900 required to adjust the curing reaction to the temperature.

Product	-5	+3	5	10	15	20	25	30	35
Wecryl 829	-	3 %	3 %	2 %	1 %	1 %	1 %	-	-

Consumption rates

### Substrate

Smooth

### Consumption

approx. 0.20 kg/m<sup>2</sup>

Technical data

Density:

approx. 1.00 g/cm<sup>3</sup>

Product application



### Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Finishing roller (sheepskin roller, minimal shedding)

### Substrate preparation

Apply the finish to the cured layers of WestWood sealer.

### 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 incorporated.

At product temperatures < 10 °C the product should be stirred for 4 minutes, as the Wekat 900 will take longer to dissolve.



### Application

#### Horizontal

Use the finish roller to apply an even layer of the mixed material. Avoid fluctuating layer thicknesses.

#### Vertical

Use a finish roller to apply an even and thin layer of the mixed product. The layer thickness and consequently consumption is too great if the material drips off and forms runners or droplets.



Product information sheet

## Wecryl 829 Maintenance Finish

### **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 applicator to test the product 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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