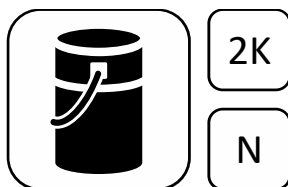


Wecryl 419

Textured Surfacing Best Performance



Brief description

Wecryl 419, part of the WestWood Wecryl Surface Protection Systems, is a pre-filled top layer noted for its outstanding resistance to wear and chemicals, including gasoline. It was developed especially for parking spaces and vehicle traffic areas in multi-story car parks. The coated surface can be any colour, used to create patterns or markings for traffic guidance.

Material

2-component, fast-curing, flexible, pigmented coating with PMMA-based filler particles sized to control layer thickness.

Characteristics and benefits

- Highly abrasion-resistant
- Highly slip-resistant
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Chloride-resistant
- Resistant to frost and de-icing salts
- High impact resistance
- Highly resistant to chemicals such as gasoline
- Choice of various colours
- Pattern and colour design possible
- Fast, simple application
- Rapid curing
- Solvent-free
- Easy to clean
- Low susceptibility to soiling

Areas of application

Wecryl 419 is used as a pre-filled top layer to increase chemical and mechanical resistance. It is particularly suited as surfacing for parking and vehicle traffic areas in multi-story car parks.

Pack size



Summer:		Winter:	
15.00 kg	Wecryl 419	15.00 kg	Wecryl 419
<u>0.20 kg</u>	WeKat 900	<u>0.40 kg</u>	WeKat 900
15.20 kg		15.40 kg	

Standard colours

7030 Stone grey
 7032 Pebble grey
 7035 Light grey
 7043 Traffic grey B
 Other colours are available on request.

For production reasons there may be some colour variation between individual batches and the available RAL colour charts. We therefore recommend using products from the same batch for any one project.

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Storage

Store products sealed in their original airtight container in a cool, dry, frost-free place. The unopened products have a shelf life of at least 12 months from the date of delivery. 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.

Application conditions



Temperatures

The product can be applied in the following temperature ranges:

Product	Temperature range (°C)		
	Air	Substrate*	Material
Wecryl 419	-5 to +42	+3 to +42*	+3 to +30

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

Humidity

The relative humidity must be ≤ 90%.

The surface to be coated must be dry and free of ice.

The surface must be protected from moisture until the coating has hardened.

Curing times and required amounts of catalyst

	Wecryl 419 (at 20°C, 2% WeKat 900)
Pot life	approx. 12 min
Rainproof	approx. 30 min
Can be walked on / overcoated	approx. 45 min
Fully cured	approx. 2 hrs

Higher temperatures or greater proportions of catalyst will reduce curing times, while lower temperatures and smaller proportions of catalyst will increase them.

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

Product	Substrate temperature (°C); required amounts of WeKat 900 in % w/w (reference values)									
	-5	+3	5	10	15	20	25	30	35	40+
Wecryl 419	-	4%	4%	3%	2%	2%	2%	1%	1%	1%

Application rates

Substrate
smooth

Application rate
approx. 3.50 kg/m²

Technical specifications

Density:

1.87 g/cm³

Skid resistance:

standard application

R12

SRT value:

> 55

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Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- aluminium blade, approx. 60 cm or
- smoothing trowel
- optionally, using a toothed scraper with a handle for smoothing the surface to create a more uniform appearance

Substrate preparation

The textured surfacing can be used in WestWood systems as described in the installation instructions.

Mixing

First stir the tub contents thoroughly.

Then add the catalyst while stirring at the slow-speed setting, and mix for 2 minutes. Make sure that the product is incorporated on the bottom and sides of the container. Ideally, the material for textured surfacing should be repotted once and then stirred thoroughly again.

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

Application

Spread the mixed material evenly using an aluminium blade or smoothing trowel and draw down over the thickness control particles without pressure. The advantage of using the aluminium blade is that this can minimize the otherwise normal trowel marks to create a smooth, even appearance. The fresh material can also be smoothed using a toothed scraper without applying pressure. This method should also result in no more trowel marks.

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 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.

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 site 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.

Last revised: 01 March 2025