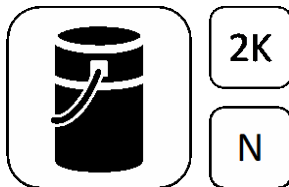


Wecryl 418

Chemical-resistant textured flooring



Brief description

Wecryl 418 is a pre-filled, chemical-resistant and therefore petrol-resistant wearing layer that is part of the WestWood Wecryl Surface Protection Systems. Wecryl 418 was developed specifically for parking bays and traffic lanes in multi-storey car parks. The surface can be of any colour and this coating can even be used to create patterns or car park markings and for traffic guidance.

Material

2-component, fast-curing, flexibilised, pigmented and filled PMMA-based (polymethyl methacrylate) surfacer with a particle size that acts as a guide to layer thickness

Properties and advantages

- Highly abrasion-resistant
- Highly skid-resistant
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Chloride-resistant
- Resistant to frost and de-icing salts
- High impact resistance
- Impermeable to liquids
- Highly resistant to chemicals, e.g. petrol
- Available in any RAL colour
- Pattern and colour design possible
- Easy and fast application
- Fast-curing
- Solvent-free

Areas of application

Wecryl 418 is used as a pre-filled wearing course that is part of Wecryl Surface Protection System OS 8, a high-build system, and of the Wecryl Surface Protection System OS 11b (OS F). It is designed to increase the chemical and mechanical resistance of those systems. It is particularly suitable as surfacing for parking bays and traffic lanes.

Pack size



Summer:		Winter:	
15.00 kg	Wecryl 418	15.00 kg	Wecryl 418
<u>0.20 kg</u>	Wekat 900	<u>0.40 kg</u>	Wekat 900
15.20 kg		15.40 kg	

Colours

Wecryl 418 is available in the following standard colours:

- RAL 7030 Stone grey
- RAL 7032 Pebble grey
- RAL 7043 Traffic grey B
- Other RAL colours are available on request.

Storage

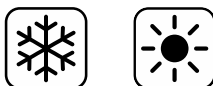
Store products sealed in their original airtight container and in a cool, dry and frost-free place. The unopened products have a shelf life of at least 6 months from the date of delivery. Direct sunlight on the containers

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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 418	-5 to +35	+3 to +35*	+3 to +30

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

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 catalyst

	Wecryl 418 (at 20 °C)
Pot life	approx. 12 min
Rainproof	approx. 30 min
Can be walked on/ overcoated	approx. 45 min
Curing time	approx. 2 hours

Higher temperatures or greater proportions of catalyst will shorten reaction times, while lower temperatures and smaller proportions of catalyst will extend reaction times.

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

Product	Substrate temperature in °C; amount of Wekat 900 to be added in % w/w (approximate values)								
	-5	+3	5	10	15	20	25	30	35
Wecryl 418	-	3%	2%	2%	1.5%	1.5%	1.5%	1%	1%

Consumption rates

Substrate
smooth **Consumption**
approx. 3.50 kg/m²

Technical data

Density: 1.77 g/cm³

Skid resistance:

Standard application R12
SRT value: > 55

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Product application



Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

- Smoothing trowel

Substrate preparation

The textured surfacing can be used as a layer within WestWood systems in accordance with the installation instructions.



Mixing

First stir the tub contents thoroughly.

Then add the Wekat 900 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. Ideally the textured coating should be re-potted 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 lay off to particle size thickness.

The advantage of using the aluminium blade is that this can minimise the otherwise normal trowel marks to create a smooth and even appearance.

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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