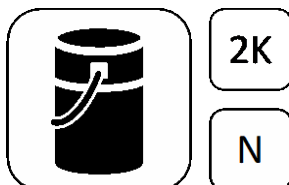


Wecryl 410 textured surfacing



Brief description

Wecryl 410 is used as a wearing layer for WestWood systems. It is a highly abrasion-resistant, non-skid coating that was specifically developed for areas subject to heavy-duty vehicular traffic, such as straight and spiral ramps. 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

- Maximum abrasion resistance
- Maximum anti-skid properties
- Traffic class P7 in acc. with DIN EN 13197 (4 million rollovers)
- Variable roughness
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Chloride-resistant
- Available in any RAL colour
- Pattern and colour design possible
- Easy and fast application
- Fast-curing
- Solvent-free

Areas of application

- areas subject to heavy-duty or high-frequency traffic, such as ramps in multi-storey car parks

Pack size



Summer:		Winter:	
15.00 kg	Wecryl 410	15.00 kg	Wecryl 410
<u>0.20 kg</u>	Wekat 900	<u>0.40 kg</u>	Wekat 900
15.20 kg		15.40 kg	

Colours

RAL 1015 Light ivory
 RAL 7004 Signal grey
 RAL 7030 Stone grey
 RAL 7032 Pebble grey
 RAL 7035 Light grey
 RAL 7043 Traffic grey B
 RAL 8015 Chestnut brown
 RAL 9003 Signal white
 Other RAL colours are available on request.

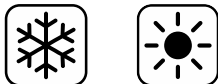
Storage

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 should

Wecryl 410 textured surfacing

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 410	-10 to +35	-5 to +40*	+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 410 (at 20 °C, 1.5% Wekat 900)
Pot life	approx. 10 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 reduce reaction times, while lower temperatures and smaller proportions of catalyst will increase 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; required amounts of Wekat 900 in % w/w (guide)											
	-10	-5	+3	5	10	15	20	25	30	35	40	45
Wecryl 410	-	3%	3%	2%	2%	1.5%	1.5%	1.5%	1%	1%	1%	-

Consumption rates

Substrate
smooth

Consumption
approx. 3.50 kg/m²

Technical data

Density:
Skid resistance:

1.85 g/cm³
standard application R12
honed R13

Product application

Application equipment / tools

For mixing the product:

Wecryl 410 textured surfacing



- Mixing tool with twin-paddle stirrer

For applying the product:

- Aluminium blade approx. 60 cm or
- smoothing trowel
- Optionally with a squeegee for laying off the surface for a more even coating



Surface treatment (optional) with:

- Diamond grinding wheel

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 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 also mixed in. Ideally the textured coating 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 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.

Reducing roughness (optional)

The textured coating can be abraded (smoothed) once it has cured. This should preferably be done with a diamond grinding wheel. This minimises the roughness height, while still retaining high anti-skid properties, even in damp conditions.

Cleaning

If work is interrupted or when it is completed, clean the tools. 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. 10 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.



Product information sheet

Wecryl 410 textured surfacing

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 April 2019