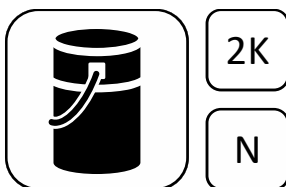


WeTraffic 496 BX

Roll Surfacing - Easy Clean with bauxite



Brief description

WeTraffic 496 BX is designed as a versatile PMMA-based surfacing for bituminous and mineral substrates. Its innovative formulation makes WeTraffic 496 BX particularly easy to clean.

WeTraffic 496 BX is a single-layer, abrasion-resistant coating that was developed specifically for areas subjected to mechanical wear. It can be applied to asphalt substrates without a primer.

The product can be applied in any colour.

Material

2-component, rapid-curing, flexibilised, pigmented and filled PMMA-based (polymethyl methacrylate) coating

Properties and advantages

- Abrasion-resistant
 - Non-skid
 - Easy to clean
 - Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
 - Choice of various RAL colours
 - Pattern and colour design possible
 - Easy and fast application
 - Fast-curing
 - Solvent-free
 - Superior skid resistance and grip: *
- R class: R12 (determined according to DIN EN 16165:2023-02 Annex B)
V class: V4 (determined in accordance with DIN 51130:2023-03)
SRT value: > 45 (determined in accordance with DIN EN 13036-4:2011-12)

* The specified values were determined in the laboratory on a test plate and may differ considerably in comparative measurements. It should be noted that only a small range can be measured with these methods. This should be taken into account in particular for rough surfaces (over 1.2 mm according to the volumetric method) when deciding on the applicability of this method. It is therefore recommended to consult with the client/planner in advance and, if necessary, to create a test area.

Areas of application

- Pedestrian guidance systems
- Refreshing mastic asphalt coatings
- Parking bays
- Multi-storey car parks
- Entrance areas
- Footways

Pack size



Summer:

15.00 kg WeTraffic 496 BX
0.30 kg Wekat 900
15.30 kg

Winter:

15.00 kg WeTraffic 496 BX
0.50 kg Wekat 900
15.50 kg

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Standard colours

White
1023 Traffic yellow
6037 Pure green
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.

Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 12 months. 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
WeTraffic 496 BX	+3 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.

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

	WeTraffic 496 BX (at 20 °C, 1.5% Wekat catalyst)
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; required amounts of Wekat 900 in % w/w (guide)											
	-10	-5	+3	5	10	15	20	25	30	35	40	45
WeTraffic 496 BX	-	-	3%	2%	2%	1.5%	1.5%	1.5%	1%	1%	1%	-

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Consumption rates

Smooth: approx. 1.80 kg/m²

The consumption rates are dependent on the roughness of the substrate.

Technical data

Density: 1.70 g/cm³

Product application



Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

- Smoothing trowel

Surface treatment with:

- Textured roller

Substrate pre-treatment

The substrate must be suitably prepared so that it is sound, dry and free from loose or adhesion-reducing components.

Concrete:

We recommend applying a primer, e.g. Wecryl 171 on absorbent substrates such as concrete.

For further information please refer to the technical information sheet.

Asphalt:

We advise against applying the product to fresh asphalt less than 90 days old.

No primer is required if the product is applied to asphalt older than 90 days.

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 on the base and sides of the container is also mixed in. Ideally the product should be re-potted once before stirring again. At product temperatures < 10 °C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

Application

Use a smoothing trowel to spread the material evenly and smooth it over, using the particle size as a guide to layer thickness. To achieve the desired finish, go over the applied coating with a textured roller.





Product information sheet

WeTraffic 496 BX

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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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