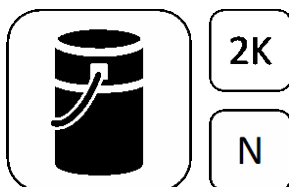


WeTraffic 496

Roll Surfacing - Easy Clean



Brief description

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

WeTraffic 496 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)
 - Available in any RAL colour
 - Pattern and colour design possible
 - Easy and fast application
 - Fast-curing
 - Solvent-free
- Grip variable by adding fillers, e.g. 15% bauxite 0.5 - 61.0 mm (SRT >45)

Areas of application

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

Pack size



Summer:

15.00 kg WeTraffic 496
0.30 kg Wekat 900
 15.30 kg

Winter:

15.00 kg WeTraffic 496
0.50 kg Wekat 900
 15.50 kg

10.00 kg WeTraffic 496
0.20 kg Wekat 900
 10.20 kg

10.00 kg WeTraffic 496
0.30 kg Wekat 900
 10.30 kg

10 kg resin in a 15 kg container allows for mixing in 15% bauxite 0.5 -1.0 mm.

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Colours

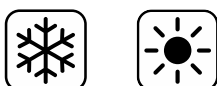
WeTraffic 496 is available in a range of colours, e.g.:

- White
- RAL 1023 Traffic yellow
- RAL 6018 Yellow green
- RAL 6032 Signal green
- RAL 7043 Traffic grey
- 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. Unopened products have a shelf life of at least 6 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	-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

	WeTraffic 496 (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	-	3%	3%	2%	2%	1.5%	1.5%	1.5%	1%	1%	1%	-

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Consumption rates

Smooth: Unfilled approx. 1.30 kg/m²

Filled with 15 % bauxite 0.5-1.0 mm approx. 1.5 kg/m²
(Bauxite must be added to WeTraffic 496 prior to application, grip > SRT 45.)

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

Technical data

Density: 1.40 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 176 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 Roll Surfacing - Easy Clean

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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