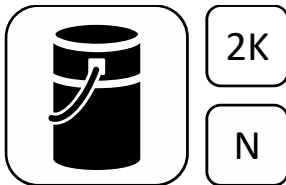


WeTraffic 491 – Slow Traffic

Textured Rolled Surfacing



Brief description

WeTraffic 491 Slow Traffic is an extremely abrasion-resistant, non-skid surfacing product that was developed specifically for coating slow-traffic areas and that can be applied to asphalt surfaces without the need for a primer.

Material

2-component, rapid-curing, flexibilised, pigmented surfacing based on polymethyl methacrylate (PMMA) and filled with bauxite (0.5 - 1.0 mm)

Properties and advantages

- Maximum abrasion resistance
- Superior skid resistance and grip: *
R class: R12 (determined according to DIN EN 16165:2023-02 Annex B)
V class: V6 (determined in accordance with DIN 51130:2023-03)
SRT value: = 60 (determined in accordance with DIN EN 13036-4:2011-12)
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Choice of various RAL colours
- Easy and fast application
- Fast-curing
- Solvent-free

* 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

Surfaces exposed to outdoor weathering:

- Slow traffic
- Cycle paths (structurally separated)
- Footpaths (structurally separated)
- Parking bays
- Forecourts
- Colour design
- Special-purpose markings

Pack size



Summer:

15.00 kg WeTraffic 491
0.30 kg Wekat 900
 15.30 kg

Winter:

15.00 kg WeTraffic 491
0.50 kg Wekat 900
 15.50 kg

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Standard colours

RAL 3020 Traffic red
RAL 6018 Yellow green
RAL 7032 Pebble grey
RAL 7043 Traffic grey B
Other RAL 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 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 491	+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 491 (at 20 °C, 1.5% Wekat 900)
Pot life	approx. 12 min
Rainproof	approx. 30 min
Can be walked on/ overcoated	approx. 45 min
Curing time	approx. 2 h

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 491	-	-	3%	2%	2%	1.5%	1.5%	1.5%	1%	1%	1%	-

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Consumption rates

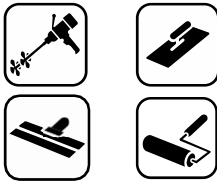
Substrate

Smooth	approx. 1.5 - 1.8 kg/m ²
Coarse	approx. 1.8 - 2.5 kg/m ²

Technical data

Density: approx. 1.70 g/cm³

Product application



Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

- Sheepskin roller
- Smoothing trowel / rubber squeegee

Surface treatment with:

- Textured roller

Substrate preparation

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 WeTraffic 491 Slow Traffic 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

Use the sheepskin roller to apply an even layer of the mixed material. Spread the material evenly with a smoothing trowel or a rubber squeegee and finish with a textured roller, if a more even surface structure is required.





Product information sheet

WeTraffic 491 – Slow Traffic

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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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