

PEGAKOTE

TECHNICAL DATA SHEET

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► DESCRIPTION

2-component water dilutable epoxy coating.

► APPLICATION

For garages, warehouses, showrooms, corridors, indoor car parks, workshops...
Only for indoor works, as well for floors as for walls.

► FEATURES

Very hard - exceptional abrasion resistance - resistant to oils and solvents.
Solvent free, almost odourless and easy to clean.

► TECHNICAL DATA

Binder	:	Comp. A : epoxy-amine adduct Comp. B : bisphenol A-F resin
Finish	:	semi-gloss
Gloss (60°)	:	± 50
Colour (s)	:	standard colours + Mathymix / ColourShop
Solids content (ASTM, D1644/a)	:	in volume : 48 – 50 % in weight : 64 – 66 %
Density (ASTM, D1475, 20°C)	:	± 1,45 g/cm ³ (mixture)
VOC-content (Volatile Organic Compounds)	:	0 g/l (standard colours) max. 20 g/l (Mathymix / ColourShop)
Consumption	:	1 st coat : 200 – 300 g/m ² 2 nd coat : 300 – 400 g/m ²
Thickness wet film	:	200 micron (cons.: 300 g/m ²)
dry film	:	100 micron (cons.: 300 g/m ²)
Drying times	:	3 hours
(for t° 20°C)	:	-
(for R.H. 60%)	:	24 hours
* dustfree	:	3 hours
* rain resistant	:	-
* recoatable	:	24 hours
* full cure	:	7 days
Flashpoint (DIN53213)	:	not flammable
Miscellaneous items	:	1. At lower temperatures (8 – 10°C), this product can only be recoated after min. 48 hours. 2. Potlife after mixing component A and B : 2 hours. 3. Taber Abrasion (CS10, load : 1000 g) : weight loss after 1000 cycles : ± 60 mg.

► INSTRUCTIONS FOR USE

Ambient conditions	:	minimum 8°C and maximum 80 % R.H.
Dilution	:	water
Cleaning tools	:	water
Airless	:	Nozzle : 021 - 023 Pressure : 220 bars 1 st coat : dilute with 5 - 10 % water 2 nd coat : dilute with max. 5 % water
Conventional spray-gun	:	no
Brush	:	possible
Roller	:	Dilute 1 st coat with max. 10 % water. Apply 2 nd coat undiluted.
Particulars	:	<ol style="list-style-type: none">1. In order to become a solid gloss finish, please respect the consumption quantities of the second layer, this means that a tin of 4 kg has to be applied on a surface of 10 – 13 m².2. Always provide a good air ventilation; so even when it rains, windows and doors have to be opened wherever possible.3. The 2 components must be mixed <u>under mechanical agitation</u>.

► PREPARATION OF THE SUBSTRATE

The substrate should be dry and clean, free from ascending humidity and sufficiently coherent (tensile strength min. 6 kg/cm²).

Pegakote can be applied directly on most mineral substrates (f.i. old concrete, tiles, glass etc...).

Curing compounds in case of poly-concrete have to be removed by means of sand or grit blasting.

On new concrete or non porous concrete, remove cement grout by sand or grit blasting, treatment with diluted hydrochloric acid at a ratio of 3 l hydrochloric acid to 10 l water or with Surfa-Etch 108. For these two last solutions, there is obligation to rinse abundantly and to allow drying through of the surfaces.

Porous substrates shall be impregnated with Pegakote diluted with 10 to 20 % water.

Pegakote may not be applied on an elastic paint coat or a moving substrate.

► ADDITIONAL INFORMATION

Transport codes	:	ADR-classification : not ADR / UN-code : none
Packing	:	4 – 15 kg
Storage stability	:	At least 24 months, provided the original tin is properly sealed and kept in a cool, dry and frostfree place.
AFNOR Classification	:	Group I, class 9g

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"As for the precautions of use, hygiene and safety, please consult our Material Safety Data Sheets - available on request at our Technical Service".