

RUST-OLEUM®
— INDUSTRIAL —



PEGAKOTE®

Very durable water-based epoxy



- Exceptionally abrasion resistant
- Smooth satin gloss finish in almost any colour
- Easy to apply and clean
- Resistant to oils and solvents
- Water-based, very low odour

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

DESCRIPTION

Two-pack, satin gloss epoxy floor paint for garages, warehouses, showrooms, corridors, indoor car parks, workshops etc.

RECOMMENDED USE

For garages, warehouses, showrooms, corridors, indoor car parks, workshops, etc. Only for indoor works, as well for floors as for walls.
Very abrasion resistant: Taber Abrasion weight loss after 1000 cycles: ± 60 mg (CS10, load: 1000 g)

TECHNICAL DATA

Density (g/cm³):	1,45
Gloss Level:	Satin
Solids Content in weight:	64 - 66 %
Solids content in volume:	48 - 50 %
Mixing Ratio:	Base : Activator = 6.2 : 1 (Weight)

DRY TIMES BY 20° C/RV 50%

Touch dry:	9 hours
Dry to handle:	12 hours
Dry to recoat:	After 24 hours, before 72 hours at 20°C (fully walkable after 48h)
Fully cured:	7 days
Pot Life:	2 hours

RECOMMENDED WET FILM THICKNESS

200 µm

RECOMMENDED DRY FILM THICKNESS

100 µm

THEORETICAL CONSUMPTION

300 g/m²/coat for roller & airless application.

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

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

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use. Stir the activator thoroughly using an electrical mixer at low speed. Add progressively under stirring to the base. Stir the mixture thoroughly until an even colour and consistency are obtained during minimum 3 minutes. Temperature of the mixed materials should be at least 10°C.

APPLICATION CONDITIONS

Minimum 8°C and maximum 80% R.H.

APPLICATION & THINNING: BRUSH

If necessary, dilute with water.

APPLICATION & THINNING: ROLLER

Dilute 1st coat with maximum 10% volume water.
Apply 2nd coat undiluted.

APPLICATION & THINNING: AIRLESS SPRAY

Nozzle: 015 - 017 / Pressure: 220 bars.
1st coat: dilute with 5 - 10% volume water.
2nd coat: dilute with max. 5% volume water.

APPLICATION & THINNING: RAKE/TROWEL

Pour the material on the clean floor and distribute it evenly with a rake or trowel. Treat the surface directly after application with the deaeration roller to release the trapped air and to improve the self-leveling effect. Maximum DFT: 3 mm. When used as a self-leveling coating, drying times will be slower: 24 hours for pedestrian traffic.

CLEANING OF EQUIPMENT / SPILLS

Water

REMARKS

- 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 10–13m².
- Always provide good air ventilation; so even when it rains, windows and doors have to be opened wherever possible.
- The 2 components must be mixed under mechanical agitation.
- For use on floors submitted to heavy abrasion, standard and medium colours are recommended. In case of deep and/or bright tones (red, yellow, orange, green, blue etc), it is mandatory to apply a clear topcoat.
- Roller application of epoxy coatings may cause markings, especially in dark/deep colours. These represents a purely optical appearance and has no influence on the quality of the coating. If the focus is on the decorative aspect, it will be necessary to apply a transparent topcoat or alternatively use airless application.
- If used in garages, car parking areas, garage workshops, etc. it is mandatory to prepare the substrate mechanical (blasting or diamond sanding). Chemical etching is no alternative). As a first coat always apply 5401.

SAFETY DATA

VOC level:	0 g/l
VOC readymix:	10 g/l
VOC category:	A/j
VOC limit:	140 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

Date issued: 24/06/2022

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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