

PRODUKT DATA

FLEXIBLE EPOXY FLOORING SYSTEM B95 - SELF LEVELLING

DESCRIPTION

RUST-OLEUM Flexible Epoxy Flooring System B95 Self Levelling is a virtually solvent free, two component epoxy, with a convenient 1:1 mixing ratio.

RECOMMENDED USES

RUST-OLEUM Flexible Epoxy Flooring System B95 Self Levelling should be used on cleaned, horizontal concrete floors, asphalt-concrete floors or other floors where flexibility is required.

B95 Self Levelling can be applied on cleaned, well adhering old epoxy floorcoatings.

The coating offers protection against abrasion and impact and can be applied in a dry film thickness of minimum 500 µm in one coat.

If good U.V. and chemical resistance is required, RUST-OLEUM Polyurethane Topcoat 9600 should be applied (except for 9610/9611 clear).

TECHNICAL DATA

Finish: semi-gloss

Colour: Base 9508: whitish-transparent. Mix 2% of Rust-Oleum Colorants, according the RAL-formula.

Density: 1.20 kg/l. ± 0.1 (mixed product) depending on colour

Solids content: 98 % by volume (mixed product)

Viscosity: 110-135 KU / Krebs Stormer Units at 20°C (mixed product)

Recommended

film thickness: 500 µm dry, equals 500 µm wet

Drying times at 20°C/50% RH at 10°C/60% RH

Foot traffic : 16 hours 24 hours

Light traffic : 24 hours 36 hours

To recoat : 24 hours 36 hours

Full hardness : 7 days 14 days

Heat resistance : 100°C (dry)

COVERAGE

Theoretical : 2.0 m²/l at 500 µm dry.

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

SURFACE PREPARATION

General:

Remove oil, grease and all other surface contaminations by alkaline or (high pressure) steam cleaning. The surface should be clean and dry during application.

Previously coated surfaces must be in sound condition and should be roughened in order to achieve optimal adhesion. A test-patch is recommended to check compatibility.

Concrete:

New concrete should cure and dry for at least 30 days prior to the application of the product. Concrete curing compounds should be removed completely.

All laitance, loose or unsound concrete should be removed by vacuum blasting or etching with

RUST-OLEUM Surfa Etch 108. Irregularities should be levelled with Rust-Oleum

Scrapecoat 5170. Defects in the concrete should be repaired with RUST-OLEUM Concrete

Repairmortar 5403 or Lightweight Repairmortar 5140 directly after having primed with Rust-Oleum Tack Primer 5120 (wet into wet). For details see the Product Data Sheets.

Very porous concrete should be primed with RUST-OLEUM 5401.

Asphalt-concrete:

New asphalt-concrete should cure and dry for at least 60 days prior to the application of the product.

Defects in the surface should be repaired with the B95-SL, with fire-dried quartz sand mixed into a ratio of approx. 1:1 in volume.

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DIRECTIONS FOR USE

Stir individual components thoroughly before mixing them together. Use the boxing method or a low speed mixer.

Mixing ratio : base (9508) : activator (9502) = 1 : 1
Induction time : 10 minutes for a 20 ltr. mix at 20°C
Pot-life : 45 minutes for a 20 ltr. mix at 20 °C

APPLICATION

Pour the material onto the properly cleaned floor and spread it out evenly with a wide comb, rake (Rust-Oleum Rake for 2 blades: Product number V 1005) or a spreader with triangular teeth.

Product Number	Blade number	d.f.t.
V 1006	5	750 µm
V 1007	23	500 µm
V 1008	93	1000 µm
V 1009	25	1500 µm
V 1010	67	>2 mm.

Then roll the surface with the de-aeration roller (Rust-Oleum product number V 1001) to release entrapped air and to promote the self levelling effect.

Clean-up : use RUST-OLEUM Thinner 160

APPLICATION CONDITIONS

Temperature of air and substrate between 10 and 35°C and relative humidity below 85%.
The substrate temperature must be at least 3°C above dew point.

REMARKS

Maximum dry film thickness per coat: 2 mm dry, equals 2 mm wet
Check coverage regularly during application.
Food should be stored separately or covered adequately during application of the Flexible Epoxy Flooring System B95 Self-Levelling.
Some chemicals and solvents may cause discoloration and can affect the coating.
The floor should be horizontal (max. 3mm per metre incline, according to DIN 18 202, Table3, Column 4) before applying the material in order to avoid excessive differences in dry film thickness.
Expansion joints should be filled with a flexible sealant.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELF-LIFE / STORAGE CONDITIONS

5 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.

The information contained herein is given in good faith. However, since application conditions are beyond our control, Rust-Oleum Netherlands B.V. cannot assume responsibility for any risks or liabilities which may result from the use of these products. The company reserves the right to modify data without prior notice.