

RUST-OLEUM®
— INDUSTRIAL —



B95SL FLEXIBLE EPOXY

Flexible self-leveling epoxy



- Very flexible self-leveller, very wear- and impact-resistant
- High build and durable coating
- Good chemical and wear resistance
- Tintable in many colours
- Flexible, can also be used on asphalt

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B95SL FLEXIBLE EPOXY

DESCRIPTION

Two-pack, flexible high-build self-levelling epoxy for floors. Excellent wear- and impact-resistance.

RECOMMENDED USE

Flexible Epoxy B95SL should be used on cleaned, horizontal concrete floors, asphalt-concrete floors or other floors where flexibility is required. B95SL can be applied on cleaned, well adhering old epoxy floor coatings. The coating offers protection against abrasion and impact and can be applied in a dry film thickness of 150-200 µm (roller) to 2 mm (rake) in one coat. If good U.V. and chemical resistance is required, Polyurethane Topcoat 9600 or 9200 should be applied (except for 9211 or 9610 clear).

TECHNICAL DATA

Density (g/cm³):	1,24
Gloss Level:	Gloss
Solids Content in weight:	96%
Solids content in volume:	96%
Heat Resistance:	100°C (dry heat)
Mixing Ratio:	1 : 1 (Volume)

DRY TIMES BY 20° C/RH 50%

Touch dry:	16 hours (20°C), 24 hours (10°C)
Dry to handle:	24 hours (20°C), 36 hours (10°C)
Dry to recoat:	24 hours (20°C), 36 hours (10°C)
Fully cured:	7 days (20°C), 14 days (10°C)
Pot Life:	45 minutes for a 20 litre. mix at 20°C
Induction Time:	10 minutes for a 20 litre. mix at 20°C

RECOMMENDED WET FILM THICKNESS

500 µm

RECOMMENDED DRY FILM THICKNESS

500 µm

THEORETICAL CONSUMPTION

2 m²/l

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness 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 Surfa Etch 108. Irregularities should be levelled with Basecoat Rapid SL. Defects in the concrete should be repaired with Epoxy Repair mortar 5180 or 5412 directly after having primed with Impregnation Primer 5401 (wet into wet). For details see the Product Data Sheets. Very porous concrete should be primed with 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 B95SL, with fire-dried quartz sand mixed into a ratio of approx. 1:1 in volume.

DIRECTIONS FOR USE

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

APPLICATION CONDITIONS

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

APPLICATION & THINNING: RAKE/TROWEL

Pour the material onto the properly cleaned floor and spread it out evenly with a wide comb, rake or a spreader with triangular teeth. Then roll the surface with the de-aeration roller to release entrapped air and to promote the self-levelling effect.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160.

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 B95 Self-Levelling epoxy. Some chemicals and solvents may cause discoloration and can affect the coating. The floor should be horizontal (max. 3 mm per metre incline, according to DIN 18 202, Table 3, 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.

B95 SL should always be top-coated with Polyurethane Topcoat 9200 or 9600.

SAFETY DATA

VOC level:	31 g/l
VOC readymix:	31 g/l
VOC category:	A/j
VOC limit:	500 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 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.

Date issued: 22/11/2023

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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Rust-Oleum Netherlands B.V.
Zilverenberg 16
5234 GM 's-Hertogenbosch
The Netherlands
T : +31 (0) 165 593 636
F : +31 (0) 165 593 600
info@rust-oleum.eu

Tor Coatings Ltd (Rust-Oleum Industrial)
Shadon Way, Portobello Ind. Estate
Birtley, Chester-le-Street
DH3 2RE United Kingdom
T : +44 (0)1914 113 146
F : +44 (0)1914 113 147
info@rust-oleum.eu

Rust-Oleum France S.A.S.
38, av. du Gros Chêne
95322 Herblay
France
T : +33(0) 130 40 00 44
F : +33(0) 130 40 99 80
info@rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Belgium
T : +32 (0) 13 460 200
F : +32 (0) 13 460 201
info@rust-oleum.eu