

RUST-OLEUM®
— INDUSTRIAL —



B95 FLEXIBLE EPOXY

Two-pack, flexible high-build epoxy for metal

- High build coating (150 micron), very durable and impact proof
- Excellent corrosion-, wear- and impact-resistance
- Flexible coating moves with the surface, avoiding cracking and peeling
- Resistant against humidity and moisture
- Virtually solvent-free: low odour

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

B95 FLEXIBLE EPOXY

DESCRIPTION

Two-pack, flexible high-build epoxy for metal. Excellent corrosion-, wear- and impact-resistance.

RECOMMENDED USE

B95-Flexible Epoxy is designed for application on concrete, masonry, and hand tool prepared, blasted, primed or galvanized steel. B95 offers appropriate corrosion resistance in severe industrial and coastal exposures; high humidity and moisture conditions. Due to its flexibility, it is especially suitable for concrete and steel floors showing good abrasion- and impact resistance; porous substrates should be primed with 5401 or 5421 Impregnation Primer; very dense substrates, like ceramic tiles, should be primed with Super Adhesive 3333 or 3366. B95 can be applied directly on properly prepared steel or galvanized steel, on itself, on 9170/9180 Primers or Epoxy Rust Primer 9169. This product is also suitable for application on old, reversible coatings such as Chlorinated Rubbers, Vinyls, etc. If good U.V. and/or chemical resistance is required Polyurethane Topcoat 9600 should be applied.

TECHNICAL DATA

Density (g/cm³):	1,47
Gloss Level:	Satin
Corrosion Class:	C4 high protection
Solids Content in weight:	99%
Solids content in volume:	99%
Heat Resistance:	100°C (dry heat) at elevated temperatures discoloration may occur
Mixing Ratio:	1 : 1 (Volume)

DRY TIMES BY 20° C/RH 50%

Touch dry:	8 hours
Dry to handle:	12 hours
Dry to recoat:	After 24 hours
Fully cured:	8 days
Pot Life:	45 minutes for a 10 L mix at 20°C.
Induction Time:	15 minutes

RECOMMENDED WET FILM THICKNESS

150 µm

RECOMMENDED DRY FILM THICKNESS

150 µm

THEORETICAL CONSUMPTION

6,6 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

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Sand intact coatings to roughen the surface slightly. Check compatibility, especially when applied on reversible coatings, the application of a test-patch is strongly recommended. The surface must be clean and dry during application.

Concrete and masonry: New concrete or masonry should cure and dry for at least 30 days before applying the coating system. Remove laitance, any loose or unsound concrete or deteriorated coatings. Smooth concrete should be roughened. Remove curing compounds.
Steel: Remove loose rust, mill scale and deteriorated coatings by hand or power tool cleaning

to St 2/3 (ISO 8501-01 : 1988). Large areas may be thorough blast-cleaned to Sa 2 (ISO 8501-01 : 1988), blast profile max. 50 µm.

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: BRUSH

10 to 15% volume RUST-OLEUM Thinner 160.
Use natural bristles, long hair brushes. Preferably use disposable brushes.

APPLICATION & THINNING: ROLLER

10 to 15% volume RUST-OLEUM Thinner 160.
Use medium nap polyamide 16 - 20 mm rollers. Preferably use disposable rollers.
Roller application requires 2 coats to achieve recommended d.f.t.

APPLICATION & THINNING: AIRLESS SPRAY

5 to 15% volume RUST-OLEUM Thinner 160.
Pneumatic and electric airless equipment. Tip size: 0.015-0.025 inch. Fluid pressure: 250 - 300 bar.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160.

REMARKS

Maximum dry film thickness per coat: 500 µm dry, equals 505 µm wet.

SAFETY DATA

VOC level:	16 g/l
VOC readymix:	130 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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