

RUST-OLEUM®
INDUSTRIAL



5800 EPOXY RAPID WB

Rapid curing water-based epoxy

- Durable epoxy floor
- Can be recoated after just 3 hours
- Available in matt or gloss finish
- Water-based, very low odour
- Excellent flow and smooth finish



KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

5800 EPOXY RAPID WB

DESCRIPTION

Rapid curing epoxy floor paint for inside use. For garages, warehouses, showrooms, corridors, indoor car parks, workshops etc.

RECOMMENDED USE

5800 Epoxy Rapid WB can be applied on cleaned, sound mineral substrates, sound and well prepared previous coatings. The product can be applied directly on porous substrates; a special primer is not needed.

TECHNICAL DATA

Density (g/cm ³):	1,2
Gloss Level:	Gloss, Matt
Gloss level at 60°:	85 - 95% (mixed with RO 5801) 0 -10% (mixed with RO 5802) at 45°
Solids content in volume:	48%
Mixing Ratio:	Base : Activator = 2 : 3 (Volume)

DRY TIMES BY 20° C/RH 50%

Touch dry:	2 hours
Dry to handle:	3 hours
Dry to recoat:	After 3 hours, within 5 days
Fully cured:	7 days (traffic possible after 24 hours)
Pot Life:	2 hours

RECOMMENDED WET FILM THICKNESS

167 µm

RECOMMENDED DRY FILM THICKNESS

80 µm

THEORETICAL CONSUMPTION

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

Concrete must be at least 30 days old, completely dry and free of surface laitance, contaminants and previous poorly bonded coatings. Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly, check compatibility. Very smooth concrete or concrete with surface laitance (a weak dusty layer) should be abraded or etched with Surfa-Etch 108 to ensure adequate adhesion. The concrete should be thoroughly washed down and allowed to dry after. Powerfloat Epoxy Floor Primer 3366 is recommended on powerfloated surfaces.

DIRECTIONS FOR USE

Stir base thoroughly before adding it to the activator. Again stir the mixture thoroughly until an even colour and consistency are obtained. Do not mix more material than can be applied in 2 hours.

Higher temperatures will reduce the pot life.

APPLICATION CONDITIONS

Apply only if the temperature of the surface and environment is between 10 and 30 °C and relative humidity is below 85%.

APPLICATION & THINNING: BRUSH

Use natural bristles, long hair brushes.

APPLICATION & THINNING: ROLLER

Apply with a medium pile simulated sheepskin roller, working well into the surface of the concrete. Thin if required with water, the product will darken slightly as curing commences and it should not be over rolled.

CLEANING OF EQUIPMENT / SPILLS

Immediately after use with warm soapy water.

REMARKS

For a glossy finish mix the base component with 5801 Epoxy Rapid Activator Gloss.

For a matt finish mix the base component with 5802 Epoxy Rapid Activator Matt.

If the product is used outside it is required to finish with a Polyurethane Topcoat such as Rust-O-Thane 9200 (do not use a clear coat).

SAFETY DATA

VOC level:	65 g/l
VOC readymix:	65 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 15° and 25°C.

Keep from freezing.

Date issued: 20/03/2025

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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