

**FLOOR SL 250**  
**SOLVENTLESS EPOXY RESIN BASED**  
**SELF-LEVELLING COATING**

SL 250 / 01.01.2014

**PRODUCT DEFINITION**

Twin component, solventless, epoxy resin based, self-levelling coating.

**AREAS OF USE**

It is a solventless epoxy coating that has high mechanical strength and abrasion resistance, is easy to clean and can be used in the finish layer of multilayer system or as self-levelling substance on factories, assembly workshops, warehouses, aerodromes, stores, parking areas, food facilities, hospitals, chemical and pharmaceutical industries, power plants, units where sanitary desired and all industrial grounds.

**PRODUCT SPECIFICATIONS**

Type	TS EN 1504-2/ April, 2008 Principle 5 (PR): 5.1 Physical Strength / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Matter by Weight, %	98
Density	1,40 g/cm <sup>3</sup>
Usage Rate	0,350-1,400 kg/m <sup>2</sup>
Packaging	16 kg A component + 4 kg B component: Total 20 kg
Fire Point	>25 °C
Mixture Rate	4 / 1
Application Methods	Brush, Roller, Airless Paint Gun, Trowel
Mixture Life	30 minutes / 25 °C
Shelf Life	1 year
Waiting Time Between Coats	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Solidity	80 (7 days/ 25°C)
Fire Reaction Class	Cfl
Equipment Cleaning	Epoxy Thinner

**SURFACE PREPARATION**

Application surfaces must be cleaned of oil, dust and dirt. Free particles on the surface cement grout on concrete surfaces and other particles which prevent adhesion shall be cleaned.

**MIXTURE PREPARATION**

Being careful with the mixture ratios of A and B components, it must be mixed for at least 3-4 minutes with a low speed mixer until a homogenous mixture is obtained. **Ready for application after mixing.**

**COATING SYSTEM**

Concrete surface to be applied must be primed with PRIMER S 110 – PRIMER S 115 or PRIMER S 170 primer. PRIMER S 120 primer must be used on humid surfaces. 12 hours after primer application, coating can be performed. Mixed product is spilled on application surface,

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spread equally on the surface choosing a toothed trowel depending on the desired thickness (1mm or 2mm tooth spacing), blisters are removed with spiked roller. Epoxy roller must be used for brush or roller applications. 2-3 coats must be applied for achieving desired thickness, because the thickness provided with the roller is 200-300 microns in those applications. **In situations where high UV resistance is required, application of 0,150 - 0,200 kg of PURPAINT 925 protective coating per square meter is recommended.**

**APPLICATION CONDITIONS**

Surfaces must have enough strength. Concrete must be pressure resistant to minimum 25 N/mm<sup>2</sup> and have minimum 1,5-2 N/mm<sup>2</sup> tensile strength.

Surface must be clean, proper and dry, and humidity must not exceed 5%; if humidity rate is higher, PRIMER S 120 Epoxy Primer for Humid Surfaces must be used.

Before top coating, primer curing must be completed.

Application must be avoided in temperatures below 10°C and very humid ambiances.

Mixture rates must be paid attention.

**SAFETY**

This product is for professional use. Pay attention to the safety warnings on the package before use, see the product's Material Safety Know-How Index when needed. Do not inhale, avoid contact with skin and eyes, do not swallow, use proper work safety equipment. Take safety precautions for environment protection as well as fire and explosion danger. Apply in well ventilated areas.

**TRANSPORTATION and STORAGE**

The product must be stored in 5-35°C.

The product must not be subjected to direct sun light.

Opened product must be stored in its own package, with its lid firmly sealed.

**NOTE:**

GRADA reserves the right to make improvements/revisions on the product and this technical document in time. This Know-How Index renders invalid the Know-How Indexes published before, and is valid for 5 years. The user must ensure that the technical document they have is of the latest version, and contact our company when needed for querying about the validity of the document. Proper use of the product, validity of the application conditions and methods are under the user's responsibility. GRADA Epoxy Paint declines any warranty claims regarding the consequences, work accidents, direct or indirect damages or harm caused by not using the product as recommended. Packaging values stated above are the nominal values in the formulae standardized by GRADA. Under normal production conditions, there may be deviations in a level estimated in international standards.

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