

DUROEPOXY FLOOR PRIMER SF



Two-component epoxy primer, without solvents



PROPERTIES

High quality, two-component, clear epoxy primer without solvents. Distinguished for its exceptional penetrating ability and superb surface hardness, which gives it great resistance to abrasion. Highly durable and resistant to chemicals, acids, alkalis, mineral oils, both salt and chlorinated water, but also extreme weather conditions. Its application stabilizes the substrate resulting in unbreakable adhesion to DUROEPOXY FLOOR SF, the two component epoxy paint without solvents. Classified SR-B2, 0-AR0,5-IR4, per EN 13813.

APPLICATIONS

DUROEPOXY FLOOR PRIMER SF offers complete protection and the necessary preparation work (priming) before applying DUROEPOXY FLOOR SF, the two-component epoxy paint without solvents. Recommended as an undercoat for uncoated (bare) metal and wood floor surfaces such as sheet metal (diamond plate),

MDF or chipboard. It is also used for impregnation and surface stabilization and waterproofing of cementitious surfaces, such as existing and new concrete, floors of industrial and storage areas, wineries, dairies, cheese factories, kitchens, slaughterhouses, washing machines, car washes, repair shops, garages, gas station etc. creating an abrasion resistant surface that does not dust. Ideal as a top/finish coat after the application of ANTI-SLIP, the slip resistant mortar for floors, in areas with strict hygiene requirements. Ideal combination of non-skid flooring and hygiene.

USE

1. Surface preparation

Proper preparation of the substrate is crucial for a successful end result.

Cementitious surfaces

Substrates must be completely dry, clean, and free from loose materials, dust and formwork oils, if any. Concrete category has to be at least

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C20/25. The participation of cement in the cement mortar should be 350kg/m³, the humidity should not exceed 4% and at least 30 days have passed since their construction.

Metal surfaces

Recommended for metal floor surfaces with exceptional abrasion resistance.

Wood surfaces

Effective and affordable solution for loft and attic floorings with exceptional waterproofing properties

.2. Application

Empty the contents of container B into container A and mix with a low-rpm drill for 2 minutes. In order for the two components to be mixed thoroughly, mixing should also be done both on the walls as well as at the bottom of the container to ensure complete homogenization of the 2 components. Apply DUROEPOXY FLOOR PRIMER SF in a single coat.

CLEANING

Clean all tools with THINNER 201 of DUROSTICK, immediately after use.

CONSUMPTION

200-300gr/m² per coat, on properly prepared surfaces, depending on their absorbency.

STORAGE

Store in tightly closed containers, in dry and shaded places, for at least 12 months from production date.

SAFETY DIRECTIONS

The product is classified as irritant. It is recommended to keep away from the reach of children. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

NOTES

- Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperature. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions.
- Chalking (surface deterioration) is a typical problem of all epoxy systems applied on outdoor surfaces. Restore surfaces just by recoating

them with DUROEPOXY FLOOR PRIMER SF once a year.

- After mixing the two components, the temperature of the mixture increases.
- After hardening, the product is harmless to health and the environment.

PACKAGING

5kg container (A:3.2kg, B:1.8kg)

TECHNICAL SPECIFICATIONS	
Chemical base	Two-component epoxy resin without solvents
Color	Transparent
Mixture density	1.05±0.04kg/lt
Mixing ration A/B	100:55 by weight
Pot life	40-50 minutes at +20°C
Application temperature	From +10°C to +35°C
Recoating time	At least after 20 hours
Drying time	Approximately 24 hours, depending on the ambient conditions (temperature, humidity)
V.O.C. (Volatile Organic Compounds): Limit value of maximum content of V.O.C. per EC (Directive 2004/42 / EC) for this product (category A/j: 'Two-pack performance coatings', type SB): 500gr/lt (2010). The ready to use product (A+B mixture) contains maximum 0gr/lt V.O.C.	
Certified by the State General Laboratory with Protocol Number 04019/015/000. It fully complies with the conditions of the Regulation (E.C.) 1935/2004 & 1895/2005 and Article 28 of the Food and Drinks Code.	

The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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DUROSTICK S.A.

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