

POLYURETHANE WATER TOP-COATINGS

SPARTISIVIT

Waterborne polyurethane coating for inside lines

Single-component water-based polyurethane enamel. Particularly suitable for tracing lines and signs on industrial floors.

Description

Easy-to-use one-component product based on polyurethane dispersion in aqueous vehicle.

By evaporation of water originates a continuous film, which has excellent mechanical characteristics and good resistance to abrasion and solvents.

Use

Delimitation of corridors, work areas, storage areas.

Warnings of escape routes.

Writings and drawings on floors.

Support

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1,5 N/mm².

Preparation of the support

Concrete bottoms must be solid, dry (seasoned if newly built), leveled, absorbent, not polluted by oils, detergents, powders or other substances.

Abrasive the surface and then roll out a recovery of FINIWATER TOP, for a consumption of 0.15-0.20 gr/m². Tiled floors must be abrasive until a completely opaque surface is obtained.

Existing resin coatings must be abrasive, thus eliminating dust residues.

Application

Homogenize the product before use.

The product is single-component: use it "as is".

Apply in 2 stages, using a mini-roller or brush.

Avoid too thick films: you would delay the development of the final characteristics of the film, in particular deep drying and sensitivity to water.

The consumption per 30 linear meters is about 1 kg of product (two shots on 10 cm wide strips).

To achieve a more shiny appearance you can apply a shot to finish of FINIWATER TOP.

N.B.: SPARTISIVIT cannot be applied directly on absorbent substrates because film defects may be found.

Technical specifications

PRODUCT DATA	
Colour	Yellow traffic divider
Specific gravity (at 25 °C)	1,40 +/- 0,05 g/ml
Viscosity (at 25 °C)	2.150 +/- 400 mPascal (spindle 2, rpm 12)
Dry residue	64% by weight and 50% by volume
pH (at 25°C)	8,5-9
Flash point	None
Solvent for cleaning tools	Water (before film formation) and Ethyl alcohol (after)
Hazard symbols on labels	None

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

PRODUCT DATA

Storage	12 months, store in a dry place at a temperature between 5 °C and 35 °C
---------	---

APPLICATION DATA AND TIMING

Recommended thinner	Water
Dry to the touch (50% R.H..)	at 10 °C 40-50 min at 25 °C 20-30 min at 30 °C 5-15 min
Walkable (50% R.H.)	at 25 °C 2 hours
Coverage (50% R.H.)	at 25 °C 90 min
Trafficable (50% R.H.)	at 25 °C 8 hours
Hardening in depth (50% R.H.)	at 25 °C 1 hour
Environmental conditions of use	Temperatures between +10 °C and +30 °C and R.H. < 70%

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

