

# 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/mm<sup>2</sup> and a tensile strength of 1,5 N/mm<sup>2</sup>.

#### 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/m<sup>2</sup>. 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                                     |

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.

SPARTISIVIT • Technical sheet • 05/11/2025

#### Sivit S.r.l.

Via Centallo 57, 10156, Torino, Italia | P.I. - C.F. 01012820013 | C.C.I.A.A. N. 478878 | Reg. Soc. Tribunale Torino N. 305/74  
Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018  
[commerciale@sivit.it](mailto:commerciale@sivit.it) | [sivitsrl@pec.it](mailto:sivitsrl@pec.it) | +39 011 273 00 33 | [www.sivit.it](http://www.sivit.it)

## PRODUCT DATA

|                            |   |
|----------------------------|---|
| Flash point                | None  |
| Solvent for cleaning tools | Water (before film formation) and Ethyl alcohol (after)                 |
| Hazard symbols on labels   | None  |
| 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<br>at 25 °C 20-30 min<br>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%         |

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**commerciale@sivit.it | sivitsrl@pec.it | +39 011 273 00 33 | www.sivit.it**