

# ANTISLIP



Slip resistant coating for stairs and slippery surfaces subjected to foot traffic



## ■ PROPERTIES

Brushable slip resistant cementitious mortar with strong adhesion and abrasion resistance. It creates a surface similar to No. 100 sandpaper with long-lasting anti-slip properties and excellent resistance to abrasion, stress, and moisture. Suitable for interior and exterior applications. Ensures stable and safe foot traffic to pedestrian as well as vehicle traffic, thus reducing the likelihood of accidents.

Classified CT-C70-F10-AR1 per EN 13813.

## ■ ADVANTAGES

- Quick and easy to apply using a paint roller or wide emulsion brush
- Resistance to abrasion, wear and the passing of time
- The product is flexible that does not crack nor shrink
- Covers cracks quickly and easily, and does not favor their reappearance
- Provides comfort and safety for walking
- Easy to clean.

## ■ APPLICATIONS

ANTI-SLIP reduces and even eliminates slip in any surface, such as stairs, terraces, walkways, sidewalks, ramps etc. Apply it to horizontal or vertical surfaces of concrete, slippery mineral slabs or tiles. The product also safely applies on properly prepared and primed wood and metal surfaces, where necessary. Suitable for applications on stairs lined with tiles or marble. It can also be applied in 2.5cm or 5cm strips and any other size, depending on the application surface.

Use masking tape to define the application area of the product and facilitate its proper limitation. Remove the tape before the product dries (approximately 10 minutes later). After two to three days, and once the product has dried, continue with the varnish application. As mentioned previously, it is recommended to use masking tape. If the aesthetic requirement (combined with tiles or marble) is beyond gray or white, use the white color ANTI-SLIP

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product, and color it using DUROCOLOR POWDER-C, pigments in powder form in 96 color chart colors.

### ■ USE

#### 1. Surface preparation

Concrete surfaces must be dry and free from loose materials and at least 30 days must have passed from their manufacture. The strength of the concrete substrate must be at least 20.0 N/mm<sup>2</sup>. All glossy surfaces must necessarily be sanded down until they do not shine any more.

#### 2. Application

Empty 25kg of mortar into a container with 6.25lt (1.25lt to 5kg) of clean, cool water. Using a cement mixer or a low-rpm electric mixer, equipped with the suitable attachment, mix until a lump free, homogeneous mix is created. Allow for the mixture to mature for 5 minutes and mix again without adding any water. Apply it easily using a wide emulsion brush (small surfaces and 'corner cuts') and a paint roller (larger surfaces). Apply the second coat crosswise, after 2- 3 hours have passed from the first coat application. Two coats are sufficient for proper non-slip surface protection. After 2 days and once the product is completely dry, depending on ambient conditions, apply a surface protection varnish. It is highly recommended to apply the acrylic varnish VISTA of DUROSTICK in 2 coats or the two-component polyurethane varnish DECOFIN POLYURETHANE in one coat. In cases where the water pools, apply DECOFIN POLYURETHANE in two coats. The varnishes are easy to use, they will prevent surface staining and make cleaning the coated surfaces easier.

### ■ USEFUL TIPS

- Exterior surfaces and surfaces that are regularly cleaned and sanitized with strong detergents and chemicals should be inspected annually for the integrity of their varnish coats.
- Areas with heavy vehicle traffic require three coats of ANTISLIP and three coats of varnish (DECOFIN POLYURETHANE or VISTA).

### ■ SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

### ■ CLEANING

Clean all tools with water, immediately after use.

### ■ CONSUMPTION

- 1.0-1.3kg/m<sup>2</sup>/mm thick coat.
- Indicatively 1kg ANTISLIP coats 40 linear meters of a 2.5cm wide strip, 20 linear meters of a 5cm wide strip and so on.

### ■ STORAGE

Store in the factory sealed packages, in dry and shaded places for 12 months from production date.

### ■ LIMITATION OF USE

- Do not apply if there is a chance of rain or frost within the next 12 hours.
- Not suitable for permanent immersion in water.

### PACKAGING

Carton box with 4 paper bags of 5kg each one  
Paper bag of 25kg on 1.050kg pallet

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| TECHNICAL SPECIFICATIONS<br>(Measurement conditions 23°C and 50% R.H.) |                                                                                                                          |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ■ Form - Color                                                         | Cementitious mortar - White, gray                                                                                        |
| ■ Colors                                                               | The white color product can be colored with the 48 pigments in powder form DUROCOLOR POWDER-C, creating 96 unique colors |
| ■ Maximum grain size                                                   | 1mm                                                                                                                      |
| ■ Bulk density of dry mortar                                           | 1.20±0.05kg/l                                                                                                            |
| ■ Bulk density of fresh mortar                                         | 1.90±0.05kg/l                                                                                                            |
| ■ Water requirement                                                    | 6.25l water in 25kg mortar                                                                                               |
| ■ Application temperature                                              | From +8°C to +35°C                                                                                                       |
| ■ Temperature resistance                                               | From -35°C to +100°C                                                                                                     |
| ■ Pot life                                                             | 2 hours                                                                                                                  |
| ■ Maximum application thickness                                        | 1mm/coat                                                                                                                 |
| ■ Foot traffic                                                         | After 3-5 hours                                                                                                          |
| ■ Light traffic                                                        | After 24 hours                                                                                                           |
| ■ Full cure                                                            | After 3-4 days                                                                                                           |

| PRODUCT PERFORMANCES                          |                              |
|-----------------------------------------------|------------------------------|
| ■ Strength after 28 days, per EN 13892-2, to: |                              |
| • flexion                                     | 12.00±1.00 N/mm <sup>2</sup> |
| • compression                                 | 75.00±4.00 N/mm <sup>2</sup> |
| ■ Strength after 28 days, per EN 13892-2, to: |                              |
| • Adhesive                                    | > 2.00 N/mm <sup>2</sup>     |
| ■ Abrasion resistance BCA per EN 13892-4      | 122±20µm                     |

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The technical specifications and directions of use contained in this technical data sheet 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.