

BILIZO® **TOP COAT 375**

Aliphatic Polyurethane Topcoat Coating

Product Description

It is an aliphatic polyurethane resin-based, two-component, colored flooring with a high content of solids and low viscosity, which is used as topcoat with a plain and bright appearance of the paint systems designed as multilayer or thin coating. It provides high UV resistance.

Uses

- On the concrete, cement or epoxy mortars for all industrial floors;
- For the units of warehouses, hangars and repair-maintenance and assembly with forklift, loader and heavy vehicle traffic;
- For multilayer systems applicable on outdoor at the factories, workshops
- On outdoor insulation products
- As a topcoat paint which has decorative, corrosion and UV-resistant for floors subject to medium to heavy load.

Consumption

150 - 250 gr/m² in one or two layers. This coverage is based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

Advantages

- Resistant to Asphalt, Bitumen, Alkaline Chemicals, De-icing Salts, Petro Chemicals
- Can be applied in roll or spray form
- High corrosion resistance;
- Hard- flexible structure,
- High UV resistance.

Packaging

BILIZO® TOP COAT 370 A+B is supplied in 16+4 kg pails.

Technical Data

| | | |
|--|------------------------|---------------|
| Finish | Gloss/Matte | |
| Colors | All colors | |
| Density | 1,45 ± 0,05 kg/l (A+B) | EN ISO 2811-1 |
| Mixing ratio | 4:1 (A:B – by weight) | |
| Pot life (+20°C) | 45 minutes | |
| Shore D | 50-55 | DIN 53505 |
| Wait time between coats | 24 hours / at 20°C | |
| Ready for light traffic | 3 days / at 20°C | |
| Full cured | 7 days / at 20°C | |
| Taber abrasion resistance | 150 mg | DIN 53109 |
| Adhesion to Concrete | >2,0 N/mm ² | EN 13892-8 |
| Surface temperature for application | +5°C - +30°C | |

Application

Surface Preparation: Floor surface should be clean and steady. Care should be given to the wait time of over coating for the previous primer or mid coat.

Mixing Procedure: It is a two-component product and it should, therefore, be prepared at the mix ratio specified for the quantity to be used, taking into consideration the pot life. Component A should be stirred by itself by use of a mechanical mixer quickly and then the hardener (Component B) should be added, taking care of the mix ratio. Components A and B should be stirred by using a mechanical mixer for minimum 3 minutes until you have a homogenous mixture. Make sure the prepared mixture is consumed during the pot life of the mixture.

Notes:

- Make sure that a continuous, non-porous layer of BILIZO TOPCOAT 375 covers the surface. If necessary, apply two coats of primer. BILIZO TOPCOAT 375 can be applied in roll or spray form.
- Do not use below the minimum allowable temperature for the material to complete its hardening. Low temperatures will slow curing, while higher temperatures will accelerate curing. Pot life will also vary depending on temperatures.
- The product may cause skin irritation. Protective gloves or goggles should be used. Before starting work, a protective cream can be applied to the hands. In case of contact of the mortar with the eyes, the eyes should be immediately washed with warm water and consult a doctor.
- If it stays below 0°C for a long time, crystallization may be observed in the product. The product is returned to room temperature.
- It can be used without any problem if the crystals are dissolved.

Clean Up: Cellulosic or Polyurethane thinner.

Storage

Store the product in a cool and dry place. shelf life of the product is 1 year.

Safety Measures

Refer to Material Safety Data Sheet prepared as per the related EU directives.