

# **BILIZO® TOP COAT 370**

## **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**

250 - 300 gr/m<sup>2</sup> 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**

- Applicable with airless spray paint application equipment;
- Resistant to diesel, petrol and many chemicals;
- 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**

<b>Finish</b>	Gloss
<b>Colors</b>	All colors
<b>Density</b>	1,30 ± 0,05 kg/l (A+B)
<b>Mixing ratio</b>	4:1 (A:B – by weight)
<b>Solids by volume</b>	75% (A+B)
<b>Pot life (+10°C)</b>	120 minutes
<b>(+30°C)</b>	50 minutes
<b>Wait time between coats</b>	24 hours / at 20°C
<b>Ready for light traffic</b>	1 days / at 20°C
<b>Full cured</b>	7 days / at 20°C
<b>Taber abrasion resistance</b>	50 mg (in full cure)
<b>Surface temperature</b>	+8°C - +35°C
<b>Ambient temperature</b>	+8°C - +35°C
<b>Relative air humidity</b>	Max %70-80
<b>Dew Point</b>	Pay attention to the dew point! Dew point must be at least +3 °C in order to reduce the risk of condensation and blooming in finished surface and uncured coating surface temperature.

## Application

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**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.

**Strength:** Mechanically, it resists against mechanical effect of medium to high load. And thermally, it resists up to +80°C on humid temperature (also without any chemical and mechanical effect) and up to +120°C at dry temperature.

### Application Conditions:

- Relative humidity of the air should be 80% maximum and the application (ambient and surface) temperature should be between 3 and 35 °C.
- In case it is applied outdoors, it should not be rainy 48 hours before and after and during the application.
- Surface temperature should be 3°C above the then dew point. (Please contact our company for the Ambient temperature-Ambient Moisture-Dew Point table.

**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. For a homogenous mixture, make sure that the product temperature should not be less than 15°C. 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.

**Surface Application:** After made ready to apply, the mixture is preferably applied by airless spray or roller with short hair in amount specified in the paint system or in such amount to obtain the desired dry film thickness as controlled by wet film comb.

Wait time between the coats is minimum 24 hours (20°C) and maximum 5 days. It is very important that the second coat should be applied within the time for over coating specified above. It reaches to a full mechanical and chemical strength in about 7 days.

**Clean Up:** Cellulosic or Polyurethane thinner.

## Storage

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Store the product in a cool and dry place. Shelf life of the product is 1 year for Component A and 6 months for Component B when stored properly in the original container unopened.

## Safety Measures

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