

# **BILIZO**<sup>®</sup> *SPORTS 410 F*

## **Polyurethane Based Glue**

### **Product Description**

Polyurethane resin based, two components, solvent free, high strength adhesive, polyurethane glue.

### **Consumption**

Recommended consumption is 2 kg/m<sup>2</sup>.

### **Uses**

- Adhesive for latex and polyurethane backing carpets.
- Adhesive between latex floor coatings and concrete, metal and asphalt surface in exterior and interior areas.
- Adhesive for polyurethane and wooden boards, prefabricated lightweight walls made of corks and metallic folios.
- Adhesive for sandwich panels made of iron and non-iron metals, on timber.
- Tile adhesive for bathroom, kitchen like wet areas,
- Noise insulation cork or SBR panels.

### **Advantages**

- Can be easily applied by comb trowel
- Fast curing and fast availability to walk on.

### **Packaging**

A set of 21 kg consists of; an 18 kg pail of A component and a 3 kg gallon of B component.

### **Technical Data**

<b>Appearance</b>	Pasty
<b>Color</b>	Dark beige
<b>Density</b>	1,5 ± 0,05 kg/lit (A+B)
<b>Mix Ratio</b>	18:1,7 (A:B - ağırlıkça)
<b>Solid by Volume</b>	%100 (A+B)
<b>Mix Life (+10°C)</b>	60 min.
<b>Mix Life (+30°C)</b>	40 min.
<b>Light Traffic Availability</b>	24 hours / 20°C
<b>Complete Curing Time</b>	7 days / 20°C
<b>Shore D Hardness</b>	40 - 50

**PS:** The informations above is given according to +23 °C and 50% humidity.High temperatures shorten the curing time and low temperatures increase the curing time.

## **Application**

### **Surface Preparation**

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Surface should be clean and free of any defect. Care should be given to the application time of the previous primer or base coat.

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

- Maximum ambient humidity should be 80%.
- Ambient temperature should be between 10 and 30 °C.

### **Environmental Conditions**

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- Relative humidity of the air should be maximum 75% and the application (ambient and surface) temperature should be between +5-35 °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 call our firm for the Ambient temperature-Ambient Moisture-Dew Point table.)
- Temperature of BILIZO® SPORTS 410 should be between 15-25 °C. Surface exposed to wind may take a wavy form.

### **Mixing Procedure**

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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**

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After made ready to apply, the mixture is preferably applied by comb trowel. Bonded surfaces should be pressed. Due to pressure the surfaces to be bonded will be contact with adhesive and it can be transferred to the surfaces homogeneously.

**Cleaning Tools:** Cellulosic thinner. Cured glue can be only cleaned mechanically.

### **Storage**

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

### **Safety Measures**

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Refer to Material Safety Data Sheet (MSDS) prepared as per the related EU directives before use.