



BILIZO® SPORTS 440

Aliphatic Polyurethane Topcoat Paint

Product Description

It is a polyester polyurethane resin-based, two-component, resilient and color flooring with low viscosity which is used as topcoat having a plain and matt appearance for sport floor paint systems designed as multilayer or thin flooring.

Consumption

Outdoor children's playgrounds, sports fields covering - should be 2.0 mm thick.

Depending on the system solutions, the usage and amount may change.

Uses

- It is used as topcoat paint on the sport floors indoors/outdoors.

Advantages

- Applicable by airless spray paint application equipment
- Resistant to diesel, petrol and many chemicals
- High wear resistance
- Resilient and rigid structure.

Packaging

A 10-kg set of BILIZO® SPORTS 440 consists of Component A in one pail of net 8 kg and Component B in one gallon of net 2 kg.

Technical Data

Finish	Matt
Color	Any color
Density	1,20 ± 0,05 kg/l (A+B)
Mix Ratio	4:1 (A:B – by weight)
Solids by Volume	60% (A+B)
Pot Life (+10°C)	120 minutes
(+30°C)	50 minutes
Wait Time Between Coats	24 hours / at 20°C
Ready for Light Traffic	2 days / at 20°C
Full Cure	7 days / at 20°C
Taber Abrasion Resistance	30 mg (in full cure)
Surface temperature	+8°C - +35°C
Ambient temperature	+8°C - +35°C
Relative air humidity	Max %70-80
Dew Point	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.

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.

Application

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

Application Conditions:

- 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.)

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 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 overcoating specified above. It reaches to a full mechanical and chemical strength in about 7 days.

WARNING: After 36-48 hours the material is applied, air temperature should be above 8 °C , it should not be rainy or snowy and should be applied with considering the possibility of raining.

Clean Up Of Tools: Cellulosic or Polyurethane thinner.

Storage

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

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