

Polyurethane Thixotropic Pore Filler

Product Description

It is a polyester polyurethane resin-based, two-component, resilient and solvent-free mastic containing solids in high volume.

Consumption

Consumption must be 400-500 gr / m². Depending on the system solutions, the usage and amount may change.

Uses

For sport floors which are formed by cast of rubber granules on site or lay of granules on the floor after formed into a blanket, it is used to:

- provide imperviousness;
- fill pores and cavities; and
- make the rubber blanket floor suitable for coating of polyurethane – self levelling.

Advantage

- Solvent-free;
- Resilient;
- Easy to apply thanks to its thixotropic structure.

Packaging

A 16-kg set of BILIZO[®]SPORTS 420 consists of Component A in one pail of net 14 kg and Component B in one galloon of net 2 kg.

Technical Data

Finish	Mat
Color	Gray, Beige, Oxide Red
Density	1,46 ± 0,05 kg/l (A+B)
Mix Ratio	7:1 (A:B – by weight)
Solids by volume	%100 (A+B)
Pot Life (+10°C)	60 minutes
(+30°C)	30 minutes
Wait Time Between Coats	24 hours / at20°C
Ready for Light Traffic	2 days / at20°C
Full Cure	7 days / at20°C

Application

Surface Preparation: Floor surface should be of dry, clean, defect-free and load-tolerant structure. Surface should be cleaned off from any grease, wax, grease, water repellent, free parts easily detachable and dust by use of milling machine. Surface should be primed and, if required, roughened mechanically.

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

Application Conditions:

- Maximum ambient humidity should be 80%.
- Ambient temperature should be between 10-30 °C.
- In case it is applied outdoors, it should not be rainy 24 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.)

Floor Conditions:

Floor temperature should be between 10-30 °C. Moisture of the floor concrete should be less than 4%. If required, measurement should be performed by a suitable instrument. It should be minimum 28 days for new concrete floors.

Tensile strength of the floor concrete should be minimum 1,5 N/mm².

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 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 applied by toothed trowel at such consumption amount specified in the paint system or in such dry film thickness as desired. In case of overcoating procedure, 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.

Clean Up Of Tools: Cellulosic thinner.

Storage

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

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