

brix-FP-SL2 is a 3-component, pigmented, flexible, self-smoothing polyurethane resin.

brix-FP-SL2 is used as a self-smoothing layer and this system can be installed internally in commercial facilities such as schools, hospitals, shopping centers and offices

Substrate Preparation

The surface must exhibit a compressive strength of 25 N/mm² and a minimum adhesive strength of 1.5 N/mm². The surface must be clean and free of dust and loose particles. All traces of contaminants, including oils, fats, grease, paint, chemical and laitance should be removed. Any cracks or damage should be properly remedied prior to application.

Application Instructions

Prior to application, the material should be heated to an ambient temperature (air and floor temperature). Component A should be stirred for 1–2 minutes before added entire contents of Component B and mixing for further 2–3 minutes. Use a slow speed drill and helical spinner, taking care not to entrain air. Once Component B is added to Component A, the filler Component C is then mixed. Equal batch numbers should always be used. brix-FP-SL2 is poured directly onto the primed surface and applied with a notched trowel. We recommend that a spiked roller is then used to release any entrapped air.

Overcoating

The following layer must be applied within 24 hours, after this time the surface will require a light abrasion.

Liquid Mixture Consumption

1.9 kg/m²

Film Thickness

1.8 mm – 2 mm

Color

Transparent/ pre-pigmented

Shelf Life

12 months in closed original container

Storage

Keep dry at 10 – 25°C, avoid exposure to direct sunlight.

Working Time

15 – 20 minutes @ 20°C

Thermal Resistance

Up to 60°C

Surface Hardness

70 (Shore a)

Flexural Strength

>20 N/mm²

Tensile Strength

>15 N/mm²

Relative Elongation at Break

30%

Bond Strength

2 MPa

Impact Resistance

IR II

Wear Resistance

500 mg (Taber Abrader-1000g/1000 cycle)

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Cleaning & Maintenance

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care program is recommended.

Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of resin-based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times. All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team. For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care program is recommended. Products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. For more information, please refer to individual product data sheets or contact our Technical Services team.

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