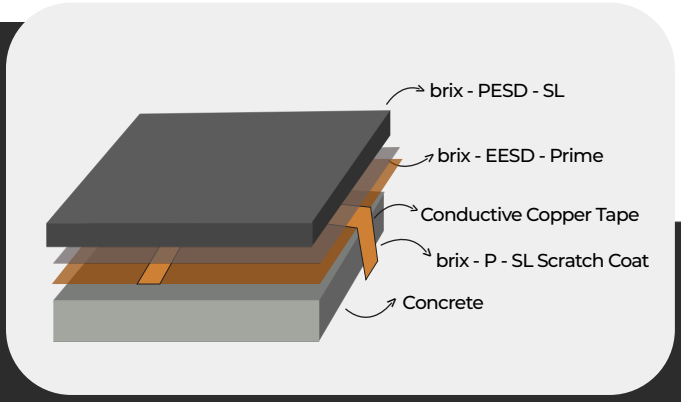
brix-PESD-SL

brix-PESD-SL (Dissipative) is a flexible, pigmented, solvent–free, polyurethane flooring system, designed to dispel electrostatic discharge in areas subject to high abrasion and wear. brix-PESD-SL (Dissipative) offers static crack-bridging properties and is best suited to repetitive process lines and mezzanine levels.



Substrate Requirements

The Concrete or screed substrate should be class min. C20/25, a minimum bond strength of 1.5 MPa (pull-off test), surface even, clean, free from laitance, dust and other contamination. All damages in the substrate should be repaired prior to applying the flooring. The substrate should be dry on surface and free from rising damp and ground water pressure. The humidity level of the substrate must not exceed 6% According to the level of moisture in the substrate to assess the right primer to use. For areas where continual heat resistance (above 50°C) is critical, epoxy primers cannot be used, use brix-P-Prime or Scratch coat brix-P-SL, if necessary.

Liquid Mixture Consumption

1.8 kg/m²

Film Thickness

2 mm – 3 mm

Fire Resistance

B_{fl}-S1

Resistance to Earth

≤10^6 Ω, ≤10^9Ω (Rg), <3.5x10^7Ω (Rs), <100 V (Body Voltage)

Working Time

15 – 20 minutes @ 20°C

Foot Traffic

After 24 hours @ 20°C

Wear Resistance

AR 0.5 (<=50µm)

Bond Strength

>=2 MPa

brix-PESD-SL

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). brix-P Universal Part A along with the pigment pack brix-P-Pigment Part D and should be stirred for 1–2 minutes before adding entire contents of brix-P-Universal Part B and brix-PESD-SL Part C (Filler) and the same shall be mixed for a further 2–3 minutes. Use a slow speed drill and helical spinner, taking care not to entrain air. Equal batch numbers should always be used. brix-PESD-SL is poured directly onto the primed surface and applied with a notched trowel. We recommend that a spiked roller then be used to release any entrapped air.

Impact Resistance

IR 10 (10 Nm)

Temperature Resistance

Tolerant up to 70°C

Compressive Strength

>50 N/mm²

Flexural Strength

20 N/mm²

Overcoating

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

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.

brix-PESD-SL

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.

www.ghanatiprojectsltd.com +91 (44) 247 4 8849 info@ghanatiprojectsltd.com