



RYEGRIP F

SLIP RESISTANT SURFACE TREATMENT FOR PEDESTRIAN WALKWAYS

DESCRIPTION

Ryegrip F system is a high build liquid applied coating providing a highly durable slip resistant surface with good resistance to weathering and general chemical attack. This product is laid in compliance with BS 8204-6 Type 4.

Composition

Solvent free, pitch modified epoxide resin combined with graded silica aggregates.

Durability

Medium duty system ideally suited to pedestrian and light wheeled traffic. Good resistances to moisture, abrasion, impact and chemical attack.

Thickness

Mixed resins only	560 microns/coat
Mixed resin and aggregate	1.0-1.5mm

TYPICAL INSTALLATIONS

Pedestrian walkways, pedestrian bridges, machine surrounds, step treads and wet process areas.

Substrates

Concrete, polymer reinforced screeds, grano concrete, mild steel, metal alloys and water-resistant plyboard.

Surface Preparation

To be assured of maximum adhesion and properties from Ryebrook resin products, the correct surface preparation is essential. Please refer to technical data sheet "Surface Preparation" reference TD102.

Application Conditions

5°C-30°C. Ryegrip F resin system is a free flowing liquid which increased in viscosity as the temperature reduces. Ideal application will be provided at 20°C. Maximum moisture in substrate - 10%.

Priming

Ryepime SF at 125g/m². Allow to cure prior to application of Ryegrip F. Refer to TD002. Overcoating interval: between 16 and 48 hours at 20°C.

Mixing

Pour and drain the contents of the black hardener

component into the pigmented resin component. Mix contents with a slow speed electric stirrer thoroughly for a minimum of 2 minutes or until a homogeneous mix is obtained paying special attention to scraping the sides and base of the container.

Application Technique

Apply by trowel, brush or roller at the prescribed spreading rate working the liquid product well into surface profile. Finally finish/lay off by rolling/brushing lightly in opposite direction.

Ryegrip F Aggregate should now be applied into the wet resin mix to achieve a fully blinded surface. After the surface has cured adequately for pedestrian access; excess aggregates should be swept/vacuumed away.

Coverage Rates

Ryegrip F Resin	0.5kg/m ²
Ryegrip F Aggregate	2.0kg/m ²

SPECIFICATION DETAIL

1 coat Ryepime SF at 125g/m² - 16 hour cure.

1 coat Ryegrip F at 500g/m².

Blind with Aggregate at 2.0kg/m².

Maintenance

Providing contamination is not allowed to build up, regular scrubbing or cold pressure washing will maintain Ryegrip F in serviceable condition.

Cure Schedule @ 20°C

Pot Life (Full Unit)	30 mins
Initial Film Set Time	8-10 hours
Resistant to Light Traffic	16-24 hours
wheel Traffic Resistant	48 hours
Full Chemical Resistance	5-7 days

Chemical Resistance

Excellent resistance to general chemical contact. Not recommended for contact with organic solvents. Good resistance to external weathering.

TECHNICAL DATA (N/mm²)

Compressive Strength	29
Flexural Strength	15
90° Peel Adhesion	7 over primed concrete

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Health and Safety

Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

Storage, Mixing & Application

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet reference TD104.

Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01293 565500.