

Ryedec Rapid



MMA Resin Floor - FeRFA Type 4

Multi-layer flooring – >2mm

Description

Ryedec Rapid is a seamless, decorative, hard wearing MMA resin floor finish, developed for high traffic retail environments. Ryedec Rapid has been developed to enable very fast track applications, therefore dramatically reducing programme time.

ADVANTAGES & BENEFITS

- ✓ Attractive decorative finish
- ✓ Extensive design potential
- ✓ Seamless hygienic finish
- ✓ High chemical resistance
- ✓ High scratch resistance
- ✓ Wear resistant surface for wheeled traffic
- ✓ Rapid installation
- ✓ Excellent resistance to UV light

TYPICAL AREA OF USE

- ✓ Public areas
- ✓ Shops
- ✓ Showrooms
- ✓ Department stores
- ✓ Designer outlets
- ✓ Airports
- ✓ Restaurants
- ✓ Garden Centres
- ✓ Schools
- ✓ Hospitals

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination.

The substrate should be dry to 85 RH as per BS8204 and free from rising damp and ground water pressure.

If no damp proof membrane is present an additional Ryepime Rapid can be applied for substrates up to 95 RH (surface dry).

Speed of Cure (per layer)

Full Traffic – 1 hour

Full Chemical Cure – 1 hour

Cure at ambient temperatures in the range -10°C to +35°C can be achieved by altering the quantity of catalyst used.

The system can be cured down to -30°C with the addition of a resin additive.

Life Expectancy

10 years, subject to correct maintenance regime.

Aftercare – Cleaning & Maintenance

Clean floors regularly using a rotary scrubber in conjunction with a mildly alkaline detergent.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning.

Environmental and health considerations are controlled during manufacture and application of the products.

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Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance EN13501-1 F=Cfl – S1

Slip Resistance: Dry>40 low slip potential

Method described in BS 7976-2 (typical values for 4-S rubber slider) (in accordance with HSE and UKSRG guidelines).

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminates (wet or dry).

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminates (wet or dry) – please contact our Technical Advisors for further details and specifications.

Impact Resistance ISO6272 1 kg weight >1.8m

2 kg weight >1.5m

Abrasion Resistance BS 8204-2 Class AR2 – Medium duty industrial and commercial.

Temperature Resistance - Tolerant of sustained temperatures Resistance up to 50°C

Water Permeability Nil – Karsten test. (Impermeable)

Chemical Resistance - Good resistance to tea, coffee, cola, fruit juice, soaps and bleach.

Bond Strength - Greater than cohesive strength of 25 N/mm² concrete. > 1.5 MPa.

Further Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01634 957520 or email info@ryebrook.co.uk