

RYEFLOW FLEC (2 mm)



Description

Smooth, glossy, self smoothing resin floor finish with a decorative speckled finish. Ideal for a minimalist, modern, contemporary environment.

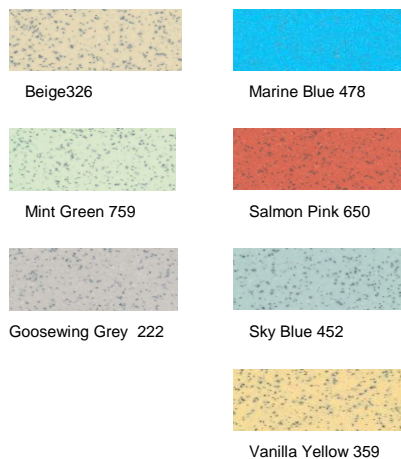
Uses

Ideal for areas with intensive traffic such as shops, department stores, restaurants, garden centres, garages and airports.

Benefits:

- Attractive and colourful floor finish.
- Easy to clean and maintain.
- Hard wearing.
- Environmentally friendly (no dust).
- High chemical resistance
- Seamless

Standard colour chart



The applied colours may differ slightly from the examples shown above.

Model Specification

Product: Ryeflow Flec

Finish: Gloss

Thickness: 2 mm

Preparatory work and application in accordance with supplier's instructions.

Supplier: Ryebrook Resins Ltd

Telephone: 01293 565500

Products Included in this System

Primer: Ryepime @ 0.25 kg/m²

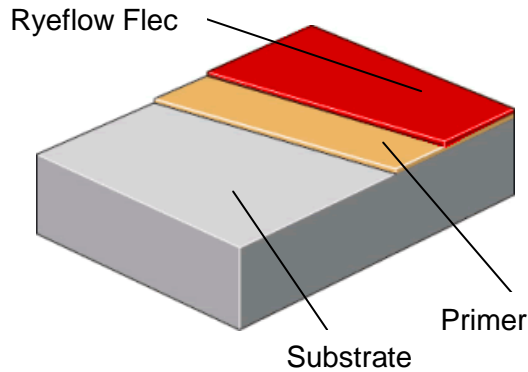
Topping: Ryeflow Flec @ 3.0 kg/m² (2 mm)

Assumes surface profile of SR1: 3 mm high standard.

For optional sealers and slip resistant dressings please consult our Technical Advisors.

Detailed application instructions are available upon request.

System Design



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 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Ryepime DPM can be incorporated directly beneath the Ryeflow Flec system.

System Performance Guide

Complies with BS 8204-6/FeRFA type 5.
The table below shows how well the system complies with different characteristics.

A scale of 1 – 5 where 5 is the best value.
5 Excellent, 4 Very Good, 3 Good (Pass), 2 Fair, 1 Poor

Fire Safety	4	Impermeability	5
Slip Resistance --dry	5	Cleanability	5
-- wet	1		
Impact Resistance	5	Wear Resistance	4
Thermal Resistance	3	Chemical Resistance	3
Heavy Traffic	5	Scratch Resistance	3

Technical Information

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

Fire Resistance	BS 476:Part 7: Surface spread offlame - Class 2 (indicative)
Slip Resistance Value (SRV)	Method described in BS 7976-2 Dry 78 Wet 14 (typical values for 4-S rubber slider)
Abrasion Resistance	BS 8204-2 Class AR2 – Medium duty industrial and commercial.
Temperature Resistance	Tolerant of sustained temperatures up to 50°C
Water Permeability	Nil - Karsten test (impermeable)
Chemical Resistance	See technical data TD112
Toxicity (when cured)	Taint free to sensitive foodstuffs.
Compressive Strength	55 N/mm ² (BS 6319)
Flexural Strength	23 N/mm ² (BS 6319)
Tensile Strength	13 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25N/mm ² concrete. >1.5 MPa.

Speed of Cure

	10 °C	20°C	30 °C
Light traffic	24 hrs	12 hrs	6 hrs
Full traffic	72 hrs	48 hrs	24 hrs
Full chemical cure	12 days	7 days	7 days

Life Expectancy

6 - 8 years, dependant on thickness and subject to correct maintenance regime.

Aftercare - Cleaning and Maintenance
Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Storage, Mixing & Application

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

Health and Safety

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