



RYESEAL DD NON YELLOWING POLYURETHANE FLOOR SEAL

DESCRIPTION

Ryeseal DD is a non yellowing polyurethane floor seal designed specifically for sealing floors subject to high levels of ultra violet light.

It is available in a range of attractive colours which reflect light to give a brighter working environment. Ryeseal DD is used as a final seal coat on decorative epoxy systems requiring additional protection from sunlight.

Composition

Two pack clear or coloured aliphatic polyurethane available in silk finish.

Durability

Ryeseal DD exhibits the highest order of abrasion resistance available in a thin floor seal and will withstand constant traffic for long periods.

Thickness

Average 60-70um per coat.

TYPICAL INSTALLATIONS

Ryeseal DD is used as a floor seal where light colours are required and where excessive natural light is prevalent such as garden centres, greenhouses etc. It is ideal as an exterior finish for patios, pool surrounds, car parks, etc.

Substrates

Ryeseal DD will adhere well to concrete, grano, wood, paving etc, but not asphalt, unless pretreated with Ryepime DS.

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

5-30°C.

Priming

Porous concrete should be primed with Ryeseal P1. Asphalt should be primed with Ryepime DS.

Mixing

Add full contents of hardener container to full contents of resin container and mix with a slow speed stirrer for at least 2 minutes.

Application Technique

This product is laid in compliance with BS 8204-6 Type 1. Apply by brush, roller or spray. The use of a paint tray is recommended for best results.

Coverage Rates

Normal substrate	8-10m ² /kg per coat
Porous and uneven substrate	8-8m ² /kg per coat

SPECIFICATION DETAIL

Normal Substrates

2 or 3 coats Ryeseal DD at a nominal 8m²/kg per coat.

Porous Uneven Substrates

- 1 Coat Ryeseal P1 primer at a nominal 6m²/kg.
- 2 or 3 Coats Ryeseal DD at a nominal 7m²/kg per coat.

Maintenance

Ryeseal DD treated floors can be readily cleaned using a proprietary cleaning solution.

Cure Schedule

Pot Life @ 20°C	1.5-2 hours
Dry Film Time @ 20°C	4-6 hours
Intercoat Period	6-24 hours
Foot Traffic	16-24 hours
Full Cure	3-4 days

Chemical Resistance

Good resistance to dilute acids, alkalis, oils, petrols and many organic solvents. Ryeseal DD is, however, only a thin coating and may suffer mechanical damage. Once the surface has been damaged, the substrate may be attacked from underneath the coating.

Colours Available

Ryeseal DD is available in the full range of Ryebrook colours.

TECHNICAL DATA

Taber Abrasion Loss - CS17/1000 cycles 5-7mg
(1000g dry)

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.