

ENDURABOND FLOORSHIELD SL

DESCRIPTION

ENDURABOND FLOORSHIELD SL is a high performance, 100% solids, self-levelling epoxy coating for application to concrete floors

- Good chemical resistance.
- High resistance to Impact and abrasion
- Durable and hardwearing
- Seamless, decorative and hygienic
- Low maintenance
- Commercial & Industrial flooring
- May be applied with a non-skid aggregate finish if required
- An optional UV finish is also available

RECOMMENDED USES

- Engineering workshops
- Plant rooms
- Factories
- Warehouses
- Showrooms
- Stores
- Hospitals
- Canteens
- Laboratories
- Schools
- Supermarkets

LIMITATION

Exterior weathering where colour retention is desired

SUBSTRATES

Apply over suitably prepared concrete, or other surfaces as recommended.

APPLICATION PARAMETER

- Coating components must be power-stirred to obtain a homogenous consistency. Do not "hand-stir". Mix in one pail then transfer to a separate pail to remix and then use the material from the second pail on the floor.
- Material Safety Data Sheets are available on request.
- Do not proceed with painting when surface temperature is less than 10°C or above 30°C; if less than 3°C above dew point; when the relative humidity of the atmosphere exceeds 85%; or when such conditions are expected within 4 hours of completion of painting work.
- Apply first coat as soon as possible after the preparation and before any deterioration of the surface.
- Practical coverage of products is project dependent.
- Apply the Endurabond 300 ECO primer sealer without thinning. Ensure all the surface of the concrete appears filled and sealed. Apply a second coat if the concrete surface is particularly rough or porous. The aim is completely seal the concrete surface and prevent blow through from any pin holes present in the concrete when applying the Endurabond Floorshield SL finish coats.
- Thin the Endurabond Floorshield SL 10% to 15% with P2 thinner for the initial coat. Squeegee and backroll. Check for pin holes (and rectify) before applying the second coat. Thin the second coat up to 10% with P2 thinner. Thinning will assist the self-levelling nature and any air release of the Endurabond Floorshield SL.
- This specification must be read in conjunction with the relevant technical data sheets.



SYSTEM OUTLINE

1. Endurabond Floorshield SL (Smooth) 2-3mm

Component	Product	Coverage
Primer	Endurabond 300 ECO	@ 6 - 8m ² per Litre
1 st Coat	Endurabond Floorshield SL	@ 1 - 1.2m ² per Litre
2 nd coat	Endurabond Floorshield SL	@ 0.5 - 1.0m ² per Litre
UV Topcoat	Unithane PU*	@ 3 - 6 m ² per Litre

* UV Option Available

2. Endurabond Floorshield SL NS (Non-Slip) 2-3mm

Component	Product	Coverage
Primer	Endurabond 300 ECO	@ 6 - 8m ² per Litre
1 st Coat	Endurabond Floorshield SL	@ 1.0 - 1.2m ² per Litre
2 nd coat	Endurabond Floorshield SL	@ 0.5 - 1.0m ² per Litre
Broadcast Aggregates @ 2 - 3Kg per m ²		
2 nd Coat	Endurabond 450	@ 4 - 5m ² per Litre
UV Topcoat	Unithane PU*	@ 6 - 8m ² per Litre

* UV Option Available.

Choice of aggregate will determine the degree of non-slip.

Fine non-slip: Quartz Sand J61W (<= 0.3mm)

Medium non-slip: Quartz Q1 (1mm).

Coarse non-slip: Quartz Q2 (2mm).

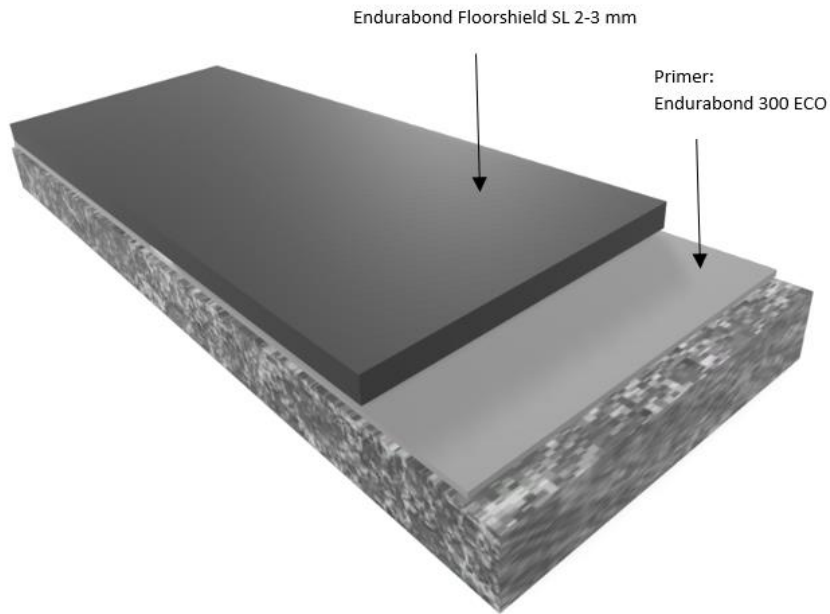
Decorative fine non-slip: coloured quartz (0.4-0.8mm).

Use Bauxite or Aluminium Oxide for severe abrasion and impact resistance.

CLEANING: Best practice when cleaning non-slip floors is to use a

ENDURABOND FLOORSHIELD SL

SYSTEM DESIGN



COLOUR CHART

Standard colour range for Endurabond Floorshield SL. Some colours may require two coats for adequate hiding. Special colour packs are available on request, for further information please contact your Polymer Group representative or Customer Service.



Silver Grey
RAL 7001



Anthracite Grey
RAL 7016



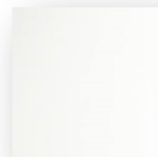
Beige
RAL 1001



Green leaves
6002



Flaming Red
3000



Traffic White
9016

TRAFFICKING

Allow to cure for a minimum of 48 hours at temperatures no less than 15°C before light pedestrian traffic and a minimum of 10 days at temperatures no less than 15°C before vehicle traffic. At 25°C allow to cure for a minimum of 24 hours before light pedestrian traffic and 7 days before vehicle traffic.

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