

Fosroc® Nitoflor® Anti-Slip Grains 41



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HDPE grit for improving slip resistance on resinous floor sealers

Uses

Nitoflor Anti-Slip Grains 41 is used in the application of resinous “roll coats” on floors to make the surface slip resistant. Suitable for use in public buildings on stairways, entrances, loading ramps, machine surrounds in factories where slip resistance may be necessary.

Nitoflor Anti-Slip Grains 41 is primarily used mixed into the flooring material during the application of thin coatings such as Nitoflor PA.

Advantages

- Effective slip resistance
- Chemically inert - Non hazardous
- Disperses readily and evenly through Nitoflor PA
- Slow to settle or float in sealer
- Compatible with solvent and water based sealers
- Increase abrasion resistance of sealers

Description

Nitoflor Anti-Slip Grains 41 is finely graded high density polyethylene (HDPE) granules with a particle distribution of approximately 55% between 212 to 355 microns.

Design Criteria

Nitoflor Anti-Slip Grains 41 is typically mixed into the flooring product at a rate of 25g /litre before application of the first coat.

Properties

Aggregate:	Graded HDPE granules
Colour:	White
Hardness (Shore):	65
Sizing (nominal):	0.2mm to 0.35mm
Density:	0.953g/cm ³
Softening point:	124°C

Application Instructions

Slowly add the Nitoflor Anti-Slip Grains 41 into the selected flooring product while gently stirring the mix. To help avoid settling, stir the mix every 2 minutes.

Volume of sealer	Add Nitoflor Anti-Slip Grains 41
1 litre	25g
2 litres	50g
3 litres	75g
4 litres	100g

The mixed material is applied as the final coat of floor finish.

Apply from a roller tray using a 10mm microfibre roller taking care to avoid build up of grit on the outer edges of the roller.

Limitations

If left in solvent based sealers for an extended period (> 4 hours), there is a tendency for swelling and sticking together of Nitoflor Anti-Slip Grains 41 particles.

Nitoflor Anti-Slip Grains 41 will slowly wear, hence periodic check of slip resistance is advisable to determine if recoating is required.

Nitoflor Anti-Slip Grains 41 will reduce gloss level of the finish.

Supply

Nitoflor Anti-Slip Grains 41 is supplied in 500g plastic bags.

Material code: FC611083-0.5KG

Coverage

Nitoflor Anti-Slip Grains 41: 25g/litre

The coverage figures given are theoretical - due to wastage factors and the variety and nature of possible substrates, practical coverage figures may be reduced.

Storage

Store in dry conditions in original packaging.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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