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.

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