

Fosroc® Nitoflor® Anti-Slip Grains 01



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Coarse silica sand grit for slip resistance on resinous floors

Uses

Nitoflor Anti-Slip Grains 01 is used in the application of epoxy “roll coats” on floors to make the surface slip resistant. Suitable for use in public buildings on fire escapes, stairways, entrances, loading ramps, machine surrounds in factories where slip resistance may be necessary.

Nitoflor Anti-Slip Grains 01 is primarily used for sprinkle on applications to suitably prepared concrete floor surfaces during the application of “roll-on” epoxy coatings such as Nitoflor FC150 HP.

Nitoflor Anti-Slip Grains 01 is also suitable for use with polyurethane cement flooring systems such as Nitoflor PU600/PU200 to achieve increased slip resistance.

Advantages

- Effective slip resistance
- Chemically inert
- Applied at various rates to meet the required slip resistance

Description

Nitoflor Anti-Slip Grains 01 is graded #16/30 silica sand.

Design Criteria

Nitoflor Anti-Slip Grains 01 is applied as a broadcast application into the first coat of roll-on epoxy at a rate of 50 to 100g /m² for a light effect and up to 500g / m² for a fully blinded effect. The grit is then encased with the second coat application of epoxy.

On PU cement floors, Nitoflor Anti-Slip Grains 01 is applied as a broadcast application into the first coat of Nitoflor PU600 at a rate of 3 to 4kg /m² for a fully blinded effect. The grit is then encased with the application of Nitoflor PU200.

Specification Clause

Slip resistant resinous floor finish

The resinous floor finish shall incorporate Nitoflor Anti-Slip Grains 01 applied at a rate not less than (*nominate*) g/m² applied into the freshly applied first coat.

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.

Properties

Aggregate:	Graded #16/30 silica sand
Colour:	Natural sand
Grain shape:	Round
Sizing (nominal):	0.5mm to 1.0mm

Application Instructions

Nitoflor Anti-Slip Grains 01 is applied as a light broadcast application into the freshly applied first coat of resinous floor at the nominated rate. Refer to the individual Nitoflor product data sheets for typical slip resistance test results.

Nitoflor Anti-Slip Grains 01 should be allowed to fall vertically onto the floor coating rather than be thrown across the surface, as this may cause ridges or scour the coating and damage the continuous film of the resin flooring.

After the first floor coating has hardened, any excess grit is removed by vacuum and the second coat of resin flooring is applied to encapsulate the grit. Application rates for the second coat will increase with heavy application of grit.

Limitations

Heavy application of Nitoflor Anti-Slip Grains 01 can make cleaning more difficult.

Supply

Nitoflor Anti-Slip Grains 01 20kg: FC611080-20kg

Coverage

Nitoflor Anti-Slip Grains 01: 50 to 500g/m² (roll coats)
3 to 4kg/m² (PU cement)

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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