

# Fosroc® Nitoflor® Anti-Slip Grains 02



constructive solutions

(Previously known as Nitoflor Medium Grit)

## Silica sand grit for slip resistance on epoxy floors

### Uses

Nitoflor Anti-Slip Grains 02 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 02 is designed for sprinkle on applications to suitably prepared concrete floor surfaces during the application of “roll-on” epoxy coatings such as Nitoflor FC150 HP.

### Advantages

- Effective slip resistance
- Chemically inert
- Applied at time of epoxy coating

### Description

Nitoflor Anti-Slip Grains 02 is graded #30/60 silica sand.

### Design Criteria

Nitoflor Anti-Slip Grains 02 is applied as a broadcast application into the first coat of roll-on epoxy at a rate of 50 to 100g /m<sup>2</sup> for a light effect and up to 500g / m<sup>2</sup> for a fully blinded effect. The grit is then encased with the second coat application of epoxy.

### Specification Clause

#### Slip resistant epoxy floor finish

The epoxy floor finish shall incorporate Nitoflor Anti-Slip Grains 02 applied at a rate not less than (*nominate*) g/m<sup>2</sup> applied into the freshly applied first coat of epoxy.

### Properties

Aggregate:	Graded #30/60 silica sand
Colour:	Natural sand
Grain shape:	Round
Sizing (nominal):	0.25mm to 0.5mm

#### 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.

## Application Instructions

Nitoflor Anti-Slip Grains 02 is applied as a light broadcast application into the freshly applied first roll coat of epoxy floor finish at the nominated rate. Refer to the individual Nitoflor product data sheets for typical slip resistance test results.

Nitoflor Anti-Slip Grains 02 should be allowed to fall vertically onto the resin 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 epoxy floor coating has hardened, any excess grit is removed by vacuum and the second coat of epoxy is applied to encapsulate the grit. Application rates for the second coat of epoxy will increase with heavy application of grit.

## Limitations

Heavy application of Nitoflor Anti-Slip Grains 02 can make cleaning more difficult.

## Supply

Nitoflor Anti-Slip Grains 02 20kg: FC605185-20KG

## Coverage

Nitoflor Anti-Slip Grains 02: 50 to 500g/m<sup>2</sup>

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

## Storage

Store in dry conditions in original packaging.