



New Guard Coatings Group

A global reputation to protect.

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www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

A one component polyester fabric

Uses

The Nitodek FS system is a hybrid fast curing trafficable waterproofing system that combines MMA Technology with polyurethanes to produce a slip resistant solution that is both hard wearing and flexible suitable for balconies, car park decks, ramps and turning circles. Bespoke systems can be produced from the suite of system products to suit specific situations and performance requirements. Nitodek FS Fleece is used for reinforcement usually with Nitodek FS Membrane.

Advantages

- Easy to apply
- Good crack bridging properties

Description

Nitodek FS Fleece is a high performance polyester fabric with high strength and good stretch characteristics.

Properties

Typical properties at 20°C unless otherwise noted:

Weight/m ²	100g
Breaking load	79kg
Tensile strength	7kg
Elongation	64%

Application

Surface preparation and primer application is as outlined in the Nitodek FS Primer data sheet. Allow the primer to fully cure.

Apply the first coat of Nitodek FS Membrane using a roller or similar.

While the first coat of membrane is still wet, lay the fleece immediately into the wet resin, overlapping the fleece edges by 5cm minimum; ensure the fleece is fully saturated.

To avoid delamination, bubbles or curing problems in the Nitodek FS system, it is very important that the fabric is used in a wet-on-wet application. The aim is to ensure that the fabric is fully saturated with the surrounding resin material. This can be best achieved by using approximately 1.2 to 1.5kg/m² of the second coat of resin membrane. The resin is placed evenly

onto the fleece surface with a roller - at least 5cm wider than the fleece width.

Apply the second coat of membrane, while the first coat is still wet, to fully encapsulate the fleece, but avoiding air pockets; allow the second coat of membrane to harden (approximately 45 minutes at 20°C).

After fully curing (1-2 hours) continue with the system application as outlined in the Nitodek FS Method Statement.

Application Temperature

Normal application temperature range is 5 - 30°C. All materials must be stored at 15 - 25°C for a minimum of 48 hours immediately prior to use. For application temperatures <5°C or >30°C please contact the Fosroc Technical Help Desk.

Supply

Nitodek FS Fleece	0.2mx100m roll	2.4kg
Nitodek FS Fleece	0.5mx100m roll	6kg
Nitodek FS Fleece	1.0mx100m roll	12kg

Estimating

Allow for a minimum 5cm overlap with adjacent rolls when estimating.

Limitations

Do not allow trapped air / blister to form.

Storage

Store the Nitodek FS Fleece in clean dry conditions. Shelf life is 2 years.

Precautions

Use gloves when handling

Health and safety

For further information refer to the appropriate Product Safety Data Sheet available from www.fosroc.com.

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