

Fosroc® Nitoproof® Top Coat EW



constructive solutions

(Replaces Emer-Proof Top Coat Extended Wear)

Solvent free hybrid clear sealer

Uses

Sealing over Nitoproof Top Coat UV membrane coating to improve stain resistance, durability and weathering properties

Advantages

- Low VOC
- Compatible over Nitoproof Top Coat UV
- Excellent resistance to UV degradation and carbonation
- Solvent free, non flammable and free of hazardous odours
- Excellent chemical and water resistance
- Clear non-yellowing finish

Description

Nitoproof Top Coat EW is a solvent free hybrid sealer designed for use over Nitoproof Top Coat UV to improve stain resistance and scuff marks associated with pedestrian foot traffic. Nitoproof Top Coat EW exhibits excellent UV resistance and durability.

Nitoproof Top Coat EW exhibits an Initial semi-gloss finish which will form after application. This will diminish after 10-14 days to a matt finish.

Design Criteria

Nitoproof Top Coat EW is designed to offer improved performance properties to Nitoproof Top Coat UV in exposed applications. The Nitoproof Top Coat EW is to applied by a 6mm mohair roller or brush in 2 applications at a coverage of 8m² per litre per coat.

Properties

Data quoted is typical for this product, but does not constitute a specification.

Wet form

Specific gravity of mixed product:	1.02kg/litre
Solids content:	28%
pH:	7.5-8.5
Appearance:	milky white in wet state; dries clear
Water soluble:	100% soluble in a wet state (uncured)
Flammability:	Nil
Hardness (ASTM D3346):	>H (after 7 days)
Scrub ability (ASTM D2486):	> 20,000 times
Adhesion (ASTM D3359):	Grade 1
Weather resistance (ASTM G23):	>800 hours

Slip resistance testing

System Used	AS 4586:2013 Appendix A Wet Pendulum Test	AS 4586:2013 Appendix B Dry Floor Friction Test
Nitoproof 410 overcoated with Nitoproof Top Coat UV	P5	D1
Nitoproof 810 overcoated with Nitoproof Top Coat UV + Top Coat EW	P4	D1
Nitoproof 810 overcoated with Nitoproof Top Coat UV	P5	D1
Nitoproof 810 overcoated with Nitoproof Top Coat UV + Top Coat EW	P4	D1

The slip test results shown are available on request. The results were achieved in controlled laboratory conditions; reasonable variations are to be expected on site, due to site-specific conditions and variances in application. Application of the proposed system on a small test area on site, prior to commencement of works is highly recommended, to confirm actual slip resistance.

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Nitoproof® Top Coat EW

Application Instructions

Surface preparation

Surfaces must be clean, sound, stable and free of: loose foreign material; existing foreign coatings; laitance; release agents; curing compounds and oil/grease residues.

Mixing

Nitoproof Top Coat EW should be lightly stirred before using.

Application

Nitoproof Top Coat EW is applied to the cured Nitoproof Top Coat UV by way of 6mm mohair roller sleeve or brush, in 'thin' coating applications at a coverage rate of 8m² per litre per coat.

Application of 2 coats is recommended, dependant on likelihood and degree of potential stains and marks.

Maintenance

No special requirements, any damage identified during normal inspections should be repaired or replaced as appropriate.

Drying times

Tack free/re-coat time: 2-4 hours (will vary with surface porosity and temperatures experienced at time of application).

Dry film: 8-12 hours; foot traffic – 24 hours: based on normal ambient conditions of 23°C.

Allow a minimum further 24 hours of drying time @ 10°C.

Cleaning

Water cleanup while in a wet state. Once dried removal by Fosroc Solvent 10 or mechanical means.

Limitations

- This product must be applied in 'thin' application coats.
- Not recommended over sand stone, limestone and similar surfaces.
- Do not apply coating when rain is forecast within the curing times.
- Not to be used for applications in immersed areas.
- Not to be used over wax residues, glass, fibreglass, chlorinated rubber, or epoxy coatings.

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.

- Floor areas should have adequate falls.
- Base membrane must be thoroughly dry prior to Nitoproof Top Coat EW being applied.
- The Nitoproof Top Coat UV should be left to dry for a minimum of 48 hours @ 23°C before the application of Nitoproof Top Coat EW takes place.

Please Note:

Application of all liquid applied membranes and primers should always refer to the surface temperature conditions before commencing and not just ambient temperatures. (There are limitations to how hot/cold the surface temperature can be, when applying liquid based membrane or primer).

For example: ambient temperatures may be 10°C but the substrate could be 0°C and have frost issues. The same applies with higher temperatures: ambient temperature may be 26°C but have a substrate temperature of 36°C.

Supply

Nitoproof Top Coat EW (MTO*): 15 litre FC000607-15L

*Made to Order: Min. order qty 55

Lead time: 14 - 21 days

Coverage

Nitoproof Top Coat EW is applied by a 6mm mohair roller or brush in 2 applications at a coverage of 8m² per litre per coat.

Storage

Nitoproof Top Coat EW has a shelf life of 2 years if kept in a cool, dry conditions in the original, unopened packs. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.