

Tredseal Finish

Methacrylate Sealer

Description


Tredseal Finish is a methacrylate based surface sealer designed to provide a hard wearing sealer for the Tredseal System. In addition to improving the abrasion resistance of the surface, it also extends its service life and provides a decorative finish.

Advantages

- Ultra rapid set, can be trafficked in two hours
- Ease of application
- Decorative
- Tough, flexible and hard wearing
- Waterproof
- Application even at low temperatures

Applications

- Anti-skid surfacing for carriageways, bridge decks and steel platforms
- Ramps and traffic areas to multi-story car parks
- Walkways, footbridges and disabled access ramps
- Sealer/decorative coating for concrete floors
- Penetrating crack sealer
- Durable coating for steel work

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Nufins, Kingston House, 3 Walton Road, Pattinson North, District 15, Washington, Tyne & Wear, NE38 8QA 13 0086-CPD-594215	
EN 1504-2 Surface protection system for concrete Coating	
Permeability to Water Vapour	Class 1
Capillary Absorption & Permeability to Water	$<0.1 \text{ kg/m}^2/\text{H}^{0.5}$
Adhesion	$\geq 1.5 \text{ MPa}$
Dangerous substances	Complies with 5.3

Appearance	Clear/pigmented resin
Usable Life	20-30 Minutes
Trafficking Time	2 Hours
Yield	5 litres per 5kg 25 litres per 25kg
S.G.	1.0
Coverage	0.5 kg/m ²
Hardness	>70 (Shore D)
Adhesion	>2.0MPa
Tensile Strength	>10MPa

Technical information

Note: Usable life and hardening times will vary with different temperatures.



Surface Preparation

All loose aggregate must be removed from the deck/floor prior to application.

Mixing

The hardener/catalyst powder (BPO) should be added to the Tredseal Finish resin tin and slowly stirred until thoroughly mixed, taking care not to entrain air into the mix. Care should also be taken to avoid unmixed material remaining on the side of the tin. The quantity of BPO added can be varied according to the ambient temperature, see following table.

Temp. Range (°C)	Weight of BPO		Usable Life	Traffic Time
	5kg Pack	25kg Pack		
5	50g	250g	45 Minutes	4 Hours
5	75g	375g	37 Minutes	3.5 Hours
5	100g	500g	31 Minutes	3 Hours
5-10	125g	625g	28 Minutes	2.5 Hours
10-15	100g	500g	30 Minutes	2.5 Hours
15-20	75g	375g	32 Minutes	2 Hours
20-25	50g	250g	30 Minutes	2 Hours
25-30	50g	250g	20 Minutes	1.5 Hours
30-35	25g	125g	15 Minutes	1.5 Hours

Note: These levels are based on pigmented Tredseal Finish. Tredseal Finish Clear requires different BPO weights, see tins for details.

Application Instructions

The mixed Tredseal Finish should be applied to the non-slip aggregate using a roller or brush to give a coverage of approximately 0.5 kg/m²

Packaging

Tredseal Finish is available in 5kg and 25kg units.

BPO Powder is available in 25kg units and sachets.

Storage

Tredseal Finish is flammable. Due precaution should be taken when handling and storing this material.

The shelf life is 6 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

Health and Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Limitations

Substrate temperatures must be 3°C above the dew point.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.