



Uradeck Finish



Nufins

Polyurethane Finish Coat

Description

A polyurethane finish coat, providing a decorative resin encapsulation for the non-slip aggregate, tough, hard wearing and weather resistant.

Advantages


- Tough and hard wearing.
- Improves aggregate binding.
- Provides a decorative finish.
- Available in clear and a range of colours.
- Can be used for marking parking bays, traffic routes etc.
- UV Resistant.

Applications

- Aggregate encapsulation layer of a hard wearing, high build membrane system, to provide a Waterproof and decorative coating to car park decks, foot bridges, walkways and suspended floors.

Technical Information

Type	Polyurethane
S.G.	1.4
Pot Life	20 minutes @ 20°C
Hardness	70 (Shore D)
Elongation	50%
Tensile Strength	>10 MPa
Tear Strength	11 MPa
Coverage	2m ² /kg
Chemical Resistance	
Kerosene	Good
Petrol & Diesel	Good
Mineral/Synthetic oil	Good
Hydraulic fluids	Good
Road Salts	Good
Dilute Acids	Good
Dilute Alkalis	Good

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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 CO ₂	s _D >50m
Permeability to Water Vapour	Class 1
Capillary Absorption & Permeability to Water	<0.1 kg/m ² /H ^{0.5}
Adhesion	≥1.5 MPa
Dangerous substances	Complies with 5.3

Surface Preparation

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

Mixing

Use only full packs. The entire contents of the hardener tin should be added to the base tin and slowly stirred until thoroughly mixed, taking care not to entrain air into the mix. Care should be taken to prevent unmixed material remaining on the side of the tin.

Application Instructions

The mixed Uradeck Finish should be applied to the non-slip aggregate/Uradeck BC using a spray, roller or brush to give a coverage of approximately 2 m²/kg.

Technical properties of Uradeck Finish.

Properties	Standard	Performance Requirements	Declared Value
Appearance			Resinous Coating
Solids Content			>90%
Specific Gravity			1.4
Viscosity			3000 Cps
Working Life			20 Minutes
Coverage			2m ² /kg
Permeability to Water Vapour	EN ISO 7783-1	S _D >50m	S _D >50m (Class III)
Capillary Absorption & Permeability to Water Vapour	EN 1062-3	W<0.1 kg/m ² /Hr ^{0.5}	W<0.1 kg/m ² /Hr ^{0.5}
Tear Strength			11 MPa
Tensile Strength	BS 2782-3		>10 MPa
Elongation	BS 2782-3		50%
Slip Resistance	EN 13036-4		Class 1
Adhesive bond Strength	EN 1542	>1.5 MPa	>2.0 MPa
Adhesion After Freeze/Thaw (50 Cycles with salt)	EN 13687-1	>1.5 MPa	>2.0 MPa
Adhesion after Thunder Shower (30 Cycles)	EN 13687-2	>1.5 MPa	>2.0 MPa
Adhesion After Dry Cycling (30 Cycles)	EN 13687-4	>1.5 MPa	>2.0 MPa

Technical data shown are statistical results and do not correspond to guaranteed minima.

Tolerances are those described in appropriate performance standards.

All testing was performed at 23°C, unless otherwise specified.

1 N/mm² = 1 MPa

1 kN/mm² = 1 GPa



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Packaging

Uradeck Finish is available in 1 kg, 5 kg and 25 kg units.

Storage

Uradeck Finish should be stored at normal room temperature. If stored in cold conditions the containers should be warmed prior to use as this will assist mixing and application procedure. Uradeck Finish should be stored away from foodstuffs and out of the reach of children.

Health & Safety

Uradeck Finish, like similar products, is capable of irritating unprotected sensitive skin, we therefore recommend the use of a suitable barrier cream and/or gloves.

Limitations

Do not apply at temperatures below 5°C.

Technical Support

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



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