



## 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 <sup>2</sup> /kg |
| Chemical Resistance   |                     |
| Kerosene              | Good                |
| Petrol & Diesel       | Good                |
| Mineral/Synthetic oil | Good                |
| Hydraulic fluids      | Good                |
| Road Salts            | Good                |
| Dilute Acids          | Good                |
| Dilute Alkalis        | Good                |

|   |  |
|---|--|
| <br>0086   |  |
| Nufins, Kingston House,<br>3 Walton Road, Pattinson North, District 15,<br>Washington, Tyne & Wear, NE38 8QA<br>13<br>0086-CPD-594215 |  |
| EN 1504-2<br>Surface protection system for concrete<br>Coating  |  |
| Permeability to CO <sub>2</sub>   | s <sub>D</sub> >50m                      |
| Permeability to Water Vapour  | Class 3                                  |
| Capillary Absorption & Permeability to Water  | <0.1 kg/m <sup>2</sup> /H <sup>0.5</sup> |
| 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 m<sup>2</sup>/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 <sup>2</sup> /kg                        |
| Permeability to Water Vapour                        | EN ISO 7783-1 | S <sub>D</sub> >50m                        | S <sub>D</sub> >50m (Class III)            |
| Capillary Absorption & Permeability to Water Vapour | EN 1062-3     | W<0.1 kg/m <sup>2</sup> /Hr <sup>0.5</sup> | W<0.1 kg/m <sup>2</sup> /Hr <sup>0.5</sup> |
| 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/mm<sup>2</sup> = 1 MPa

1 kN/mm<sup>2</sup> = 1 GPa



FM11022

Kingston House, 3 Walton Road, Pattinson North, Washington, Tyne & Wear, NE38 8QA, United Kingdom  
 T: +44(0) 191 416 8360 F: +44(0) 191 415 5966 W: www.nufins.com E: info@usluk.com

This information and/or specification contained herein or in our literature or given by Nufins, its employees, distributors, agents or representatives with regard to its product or their use or application are given in good faith, but no liability is accepted for any loss or damage (including direct or consequential loss or loss of profits) from the use of products because Nufins has no control over how its products are used and applied.

### **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 to provide further information and arrange demonstrations.



Kingston House, 3 Walton Road, Pattinson North, Washington, Tyne & Wear, NE38 8QA, United Kingdom  
T: +44(0) 191 416 8360 F: +44(0) 191 415 5966 W: [www.nufins.com](http://www.nufins.com) E: [info@usluk.com](mailto:info@usluk.com)

This information and/or specification contained herein or in our literature or given by Nufins, its employees, distributors, agents or representatives with regard to its product or their use or application are given in good faith, but no liability is accepted for any loss or damage (including direct or consequential loss or loss of profits) from the use of products because Nufins has no control over how its products are used and applied.



FM11022