



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Resudeck Data Sheet

Specification notes

Product: **Resudeck**

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Resudeck

High-Build seamless polyurethane resin floor coating



RESIN SURFACES LIMITED

Product Data Sheet

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DESCRIPTION

RESUDECK is a two-pack, high build, hard wearing polyurethane floor coating forming a tough and durable finish with resistance to light-medium chemical attack, and for use in wet environments. RESUDECK is resistant to hot water and can be steam cleaned.

By incorporation of suitable aggregates, anti-slip finishes with a range of thicknesses and textures can be created.

RESUDECK is a solvent-free coating with a 100% solids content, which cures to a gloss finish.

ADVANTAGES

1. Low odour
2. Dries overnight at ambient temperature to receive foot traffic after 24 hrs
3. Can be applied onto concrete, wood and asphalt etc. Metal surfaces may also be treated, in conjunction with a compatible, solvent-based metal primer - RX66
4. Anti-slip finishes can be created by applying a scatter of aggregate
5. Excellent resistance to most fuels and lubricants
6. Available in a range of attractive colours

WHERE TO USE

RESUDECK is designed for application in heavy duty industrial areas such as food units, bakeries, basement car parks, plant rooms and generally where a flexible high build, anti-slip surface is required. RESUDECK is also designed as a hard wearing, anti-slip finish for vehicle decks.

RESUDECK also has excellent adhesion to both asphalt and bituminous surfaces, without requiring a primer.

GRADES AVAILABLE

RESUDECK

Standard grade of solvent-free, high build polyurethane coating designed to be applied at an approx. thickness of 200-500 microns per coat.

RESUDECK E35

Resudeck E35 is a more flexible grade for decking and areas where flexibility is required.

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CHEMICAL RESISTANCE

RESUDECK has a good general resistance to both acids and alkalis.

RESUDECK has been tested against a range of chemicals and found to be resistant over 14 days continuous immersion to the following: Caustic soda, Sulphuric Acid 10%, Lactic Acid 5%, Ethanol, Petrol and Fuel Oils.

RESUDECK surfaces should be regularly and thoroughly cleaned where there is regular contact with aggressive chemicals. Spillages should be removed as soon as possible. The product is not recommended where strong solvents are used.

RESUDECK STANDARD can be overcoated with RESUTILE to further improve chemical resistance.

PHYSICAL PROPERTIES AT 20°C

Solids content

Both grades 100%

Coverage

Both grades 2-5m² per lt. per coat subject to required thickness (and aggregate spread rate, if required)

Film thickness

Resudeck will produce a thickness of 200 microns when applied at 5m² per lt and 500 microns when applied at 2m² per lt.

Pot life after mixing (20°C unless specified)
30 minutes

Tack free time

8 hours

Hard film time

3 days

Re-coat time

As soon as the surface tackiness has gone and the coating is safe to walk on without damage (8-12 hours) and with 36 hours.

APPLICATION

Mix the base and hardener thoroughly together, ideally by slow speed mechanical mixer, scraping all loose material with a knife from the sides and base of the container to ensure a complete mix is obtained. Apply by brush, roller.

MAINTENANCE

RESUDECK can be mopped with water, scrubbed with R.S. INDUSTRIAL FLOOR CLEANER or other good quality detergent or just brushed out. Cleaning tools, brushes and mixing machines should be cleaned as soon as possible with R.S. P.U. solvent do not allow to set hard.

HYGIENE

RESUDECK is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment. In all cases, spillages or skin contamination should be cleared as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

Consult Safety Data Sheet Ref. HSCT.

The information given in this data sheet is derived from tests and experience with the product and is believed to be reliable. This information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser. Resin Surfaces Ltd. cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertaking can be given against infringement of patents.