

PRODUCT DATA

5182 RUST-O-THANE SL

Andrews Coatings Ltd
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DESCRIPTION

A two component polyurethane floor finish

MAIN PROPERTIES

A quick drying, chemical and heavy abrasion resistant coating. Anti slip possible.

RECOMMENDED USES

For communal walkways in flat buildings, escape routes, car parks, shopping centers, schools, hotels, hospitals and other areas with heavy exposure. Designed to waterproof balconies and walkways.

TECHNICAL DATA

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| Appearance: | Gloss |
| Colour: | RAL 7001, other colours on request. |
| Density: | ± 1,55 g/cm ³ (mixture) |
| Solids Content: | In volume: 100% |
| Recommended film thickness: | Wet film: App. 1,3 mm (2 kg/m ²) Dry film: App. 1,3 mm (2 kg/m ²) |
| Flashpoint: | Approx. >55°C |
| VOC-content: | 0 g/l max. |
| Ready-to-use mixture: | 0 g/l max. |
| Category: | A/j |
| EU Limit values: | 550 g/l (2007) / 500 g/l (2010) |

Drying times 20°C/50%

| | |
|---------------|------------------------|
| To touch: | 2 hours |
| To recoat: | Between 6 and 24 hours |
| Full hardness | 8 hours |

Drying/curing times will be shorter at higher temperatures and longer at lower temperatures,

Coverage

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| Theoretical: | 2 kg/m ² for 1,3 mm dry layer thickness. |
| Practical: | Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application. |

SURFACE PREPARATION

All surfaces should be clean, sound, dry and free from dust, dirt and other contaminants. Oils, and grease should be removed with Rust-Oleum Mathys ND14 (see PDS). Any laitance should be removed by acid etching, blasting or other suitable mechanical methods

Repair holes or large cracks with Pegacrete or 5403 repair mortars (see PDS for more details).

Bare concrete: Ensure concrete is integrally sound, properly cured, dry and free from curing agents and additives. Surfaces should be cleaned and fully prepared to remove laitance, oils etc. and to "open up" the substrate. Apply 5130 Primer DSP to prepared surfaces.

Previously coated: Remove loose, suspect or friable coatings and materials back to a firm edge and fully prepare to promote adhesion. Undertake adhesion tests to determine suitability for overcoating, necessity and selection of primer. Remove any incompatible materials.

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Asphalt: Remove loose, badly crazed, suspect and friable materials back to a firm edge then fully prepare to promote adhesion. Repair any asphalt blisters or slumped asphalt. Apply 5130 Primer DSP to prepared surfaces

DIRECTION FOR USE

To ensure homogeneity, coatings materials should be stirred thoroughly prior to use.

Mix the base to even consistency. Add the activator whilst stirring into the vortex and mix thoroughly, ensuring all activator material is worked away from the sides and the bottom and incorporated (use brush). Transfer the necessary amount to an empty clean, dry plastic can and mix further to ensure thorough blending.

Spread out the necessary material over the surface and distribute evenly using a rake or trowel. Entrapped air (may especially occur at higher coating thicknesses) must be removed within 15 min after application with a spike roller.

Scatter Rust-Oleum NS200 or NS300 Anti Slip onto the wet coating (min. 300 g/m²) to provide anti slip protection.

APPLICATION & THINNING

Rake/spreader: Do not dilute. Use RO rake for 2 blades (product number V1005) in combination with blade RO V1008 (no. 93 - d.l.d. 1000 µm).

Clean up: Rust-Oleum Thinner 160

REMARKS

This product should only be applied by professional users.

Surface must be dry during application otherwise curing defect will occur (i.e. sweat).

Temperatures exceeding 25°C will significantly reduce potlife and may give poor leveling and poor results.

Overcoating must be carried out within the timescale overleaf otherwise it may be necessary to solvent wash or sand the first coat in order to obtain adhesion for subsequent coats.

Walkability is normally achieved 16-24 hrs after application at ambient temperatures. Longer curing times should be allowed in cold conditions or for heavy wheeled traffic.

APPLICATION CONDITIONS

Minimum 5°C. Provide air ventilation: open windows and doors.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELFLIFE / STORAGE CONDITIONS

12 months from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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