

Technical Data Sheet

STARCOAT R

1. Description	Starcoat R is a ready-to-use, single component polyurethane bituminous resin with integrated anti-root protection.
2. Use	Starcoat R is ready to use with no mixing and is compatible with all bitumen waterproofing products. No primer is required. Starcoat R is ideal for the waterproofing of complex details (roof penetrations, columns, upstands, planters, balustrade posts, curbs, perimeters, pipes and all other irregular penetrations) and localised repairs on new and existing bitumen membranes on inaccessible areas, areas with pedestrian and light vehicular access and on living roofs. It is a flame free, cold applied product and therefore eliminates the need for naked flame gas torches, making it ideal for use on combustible materials and in high risk detail and perimeter zones on new build and refurbishment projects.
3. Application method	<p>Two layers of Starcoat R (700/m² + 700g/m²) with Matcoat R reinforcement applied between the two layers. Application is by brush or roller.</p> <p>Apply in temperatures of 5°C to 35°C (outside this range the product viscosity must be adjusted with a xylene thinner).</p> <p>Do not install if rain or snow is forecast.</p> <p>Drying time: 3 to 24 hours between coats (may vary, figures assume 25°C and 50% humidity).</p> <p>Mineral granules can be applied 30 minutes after application of the second coat of Starcoat R to enhance aesthetics.</p>
4. Packaging	Available in 4 x 4kg drums or in 20kg metallic drum. Product colour: black.
5. Storage	Starcoat R must be stored in a cool, well ventilated area and be protected from heat, sun, rain and frost. Maximum storage period is 1 year in unopened, container.

- 6. Notes** Tools, equipment and stained surfaces should be cleaned immediately after application using acetone, M.E.C. or ethyl acetate. Supplies (brushes, adhesives) are generally not re-usable and must be discarded after each prolonged break in application.
- Safety precautions to be followed when using this product are described in the Starcoat R Safety Data Sheet (SDS)..

CHARACTERISTICS	
Density	1g/cm ³
Solid content	>85%
Flash point	>50°C
Viscosity at 25°C (ASTM D 2196-86)	20000-30000 mPa.s
Maximum strength (DIN 53504)	>3Mpa
Maximum elongation (DIN 53504)	>500%

Please note: Above information is provided as a guideline. Coverage rate stated is approximate, the porosity and type of supports/materials/ surface atmospheric conditions will affect coverage rates and potentially fall outside of the guideline given within the TDS. It is necessary for a test to be conducted prior to application to establish accurate coverage rates, cure times and other factors on a project specific bases to ensure suitability for the wide variety of requirements and condition on site. Axter Ltd makes no warranties, express or implied, as to the properties and performance under any variations from such conditions in actual construction.

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