

Technical Data Sheet

STARCOAT R

Description	STARCOAT R is a ready-to-use, single component polyurethane bituminous resin with integrated anti-root protection.
Use	<p>STARCOAT R is ready to use with no mixing and is compatible with all bitumen waterproofing products. No primer is required.</p> <p>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.</p> <p>STARCOAT R is also suitable for use as an adhesive for Hytherm CG (Cellular Glass) non-combustible insulation.</p>
Application method	<p>Two layers of STARCOAT R ($700\text{g}/\text{m}^2 + 700\text{g}/\text{m}^2$) 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). 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>Coverage rate: $1.4\text{kg}/\text{m}^2$. Coverage rate/unit/m^2: 4 x 4 kg drum: $11.43/\text{m}^2$; 20 kg drum: $14.30/\text{m}^2$. Coverage rates will vary depending on porosity and condition of substrate.</p> <p>Mineral granules can be applied 30 minutes after application of the second coat of STARCOAT R to enhance aesthetics.</p>
Packaging	Available in 4 x 4kg drums or in 20kg metallic drum. Product colour: black

Storage	<p>STARCOAT R must be stored in a cool, well ventilated area and be protected from heat, sun, rain and frost.</p> <p>Maximum storage period is 1 year in original, unopened container.</p>
Notes	<p>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.</p> <p>Safety precautions to be followed when using this product are described in the STARCOAT R Safety Data Sheet.</p>

CHARACTERISTICS	
Density	1g/cm ³
Solid content	> 85%
Flash point	> 50°C
Viscosity at 25°C (ASTM D 2196-86)	15000-25000 mPa.s

The manufacturer reserves the right to modify, without prior warning, the characteristics of this product.
No responsibility will be taken by Axter Ltd for incorrect use of this product.