

RESIDECK EPOXY TUFSCREED

<p>CHARACTERISTICS</p>	<p>Resideck Epoxy Tufscreed is a three pack Epoxy resin based floor screed designed for application at 4-6mm thickness.</p> <p>Resideck Epoxy Tufscreed comprises a Base component, a Curing Agent component and a specially graded Aggregate component.</p> <p>Resideck Epoxy Tufscreed is easy to apply and does not stick to the trowel.</p> <p>Resideck Epoxy Tufscreed is non-dusting, chemical and abrasion resistant, non-slip in nature and may be rapidly opened to traffic.</p>
<p>INTENDED USE</p>	<p>Seamless protective and decorative, thin section screeds for food factories, dairies, abattoirs, plating ships, hospitals, sugar refineries, breweries, chemical bunds etc.</p> <ul style="list-style-type: none"> • Highly durable • Abrasion and impact resistant • Non-slip • Easily maintained • Excellent chemical resistance • Low odour
<p>TECHNICAL PROPERTIES</p>	<p>Colour: Light grey (any BS4800 or RAL colour can also be supplied)</p> <p>Density: 2.2kg/litre</p> <p>Volume yield: 11.4 litres per pack</p> <p>Coverage: 1.9m² @ 6mm thickness</p> <p>Pot Life: 50-60 minutes @ 20°C</p> <p>Compressive strength: 65 MPa after 7 days</p> <p>Flexural strength: 24 MPa</p> <p>Tensile strength: 11.4 MPa</p> <p>Taber Abrasion Resistance: 80 mg weight loss per 1,000 cycle test (CS17 abrasive wheels).</p> <p>Water Absorption: <0.1% by weight after 7 days immersion</p> <p>Maximum Service Temperature: 70°C (continuous); 90°C (intermittent)</p> <p>Chemical resistance: Excellent resistance to a wide range of industrial chemicals.</p> <p>For specific advice please consult our Technical Department.</p>
<p>PACKAGING</p>	<p>Resideck Epoxy Tufscreed is supplied in 25kg Packs.</p>
<p>SURFACE PREPARATION</p>	<p>Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. The floor shall then be prepared by grit blasting, mechanical scabbling, or similar, to produce a clean,</p>

	<p>exposed aggregate finish, free from dust, dirt, oil, grease, laitance and other contaminants.</p> <p>Old concrete shall be mechanically prepared to remove all contaminants. Defective concrete shall be removed, cutting back to sound substrate and patch repairs may be carried out as required.</p>
PRIMING	<p>Apply a coat of Resideck Tack Primer to the prepared surface at a rate of 3.3 to 6.7 m²/kg (depending upon surface texture).</p> <p>Within 90 minutes of the primer application, Resideck Epoxy Tufscreened may be applied.</p>
MIXING	<p>The use of mechanical, forced action mixer such as a Creteangle, is strongly recommended.</p> <p>Pour the contents of the Curing Agent container into the Base container and mix thoroughly.</p> <p>The mixed resins shall be poured into a mixing vessel, (Creteangle bucket or similar), and the Aggregate added steadily whilst the mixer is in motion.</p> <p>Mix for 2-3 minutes until a uniform consistency is achieved.</p>
APPLICATION	<p>Lay the material, utilising screeding bars or screed box, ensuring good compaction, and finish with a stainless steel or chemically resistant plastic float.</p>
SEALING	<p>The application of a clear sealer is recommended to reduce tendency towards staining and dirt pick up, and thereby ensure optimum ease of cleaning.</p>
EQUIPMENT CLEANING	<p>Clean equipment immediately after use with Resideck Toolclean.</p>
CURING	<p>Allow to cure for a minimum of 18 hours @ 20°C prior to light foot traffic access and 48 hours @ 20° prior to vehicular trafficking.</p> <p>7 days cure @ 20°C is recommended prior to exposure to chemicals.</p> <p>Curing will be slower at lower temperatures.</p>
STORAGE & SHELF LIFE	<p>Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C.</p> <p>Resideck Epoxy Tufscreened has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.</p>
COVERAGE	<p>A 25kg pack yields 11.4 litres of material, sufficient for an area of 2.85m² @ 4mm thickness.</p>
LIMITATIONS	<p>Do not apply to wet or uncured concrete surfaces.</p> <p>Do not apply at temperatures of 3°C or less.</p>
HEALTH AND SAFETY	<p>Wear gloves and goggles.</p> <p>Wash off splashes immediately with soap and water.</p> <p>Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.</p>

Please refer to Material Safety Data Sheet for additional information

Resideck Epoxy Tufscreeed shall be applied strictly in accordance with the manufacturer's instructions.

For specific advice regarding any aspect of this product, please consult our Technical Department.