

RESIDECK RAPID POURPATCH

CHARACTERISTICS	Resideck Rapid Pourpatch is a fast curing, high strength, two component Methacrylate Resin mortar, designed for rapid and permanent repairs to concrete surfaces that may be subjected to heavy loading in service.
INTENDED USE	<p>Repairs to spalled or damaged concrete; bedding pre-cast concrete beams; chemical bunds; floor repairs.</p> <ul style="list-style-type: none">• High Strength• Very good chemical resistance• Excellent adhesion to primed concrete• Fast curing, even at low temperatures• Impact and abrasion resistant• Frost resistant and impervious to water• Excellent mechanical properties
TECHNICAL PROPERTIES	<p>Colour: Light grey Density: 2,010kg/m³ Pot life @ 20°C: 15-20 Minutes Compressive strength: 75MPa Temperature range during application: -30°C* to + 40°C Temperature range during service: -40°C to + 50°C *Supplied as a pre-accelerated grade Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, and diesel. For specific advice please consult our Technical Department.</p>
PACKAGING	Resideck Rapid Pourpatch is supplied in 17kg packs
SURFACE PREPARATION	<p>Remove all laitance, spalled concrete, grease, oil, dust, and other contaminants by scabbling, bush hammering, or other mechanical treatment, to provide a sound clean substrate. Any exposed reinforcing steel shall be fully exposed by cutting out around its full circumference, and cleaned by hand abrading or wire brushing to remove rust, scale, etc., and primed with a coat of Resideck Rapid CP</p> <p>The prepared concrete surface, together with the preprimed re-bars, shall be primed by the application of Resideck Rapid CP. The mixed Resideck Rapid CP should be applied by brush or roller at a nominal rate of 0.2 – 0.3kg/m², depending upon surface profile. Allow the primer to cure for a minimum of 40 minutes.</p>
MIXING	<p>Resideck Rapid Pourpatch is supplied as a two-component product consisting of the BASE component, and the FILLER/CATALYST component.</p> <p>The contents of the BASE and FILLER/CATALYST component should be thoroughly mixed together for 1-2 minutes, until a uniform consistency is achieved. Mix using a low speed drill stirrer or a forced action mixer such as a Mixall, Pennine or Creteangle type.</p>

APPLICATION	<p>Resideck Rapid Pourpatch shall be poured onto the primed floor and trowel finished. The material should not be feather edged. Minimum application thickness is 5mm.</p> <p>NOTE: The product may be bulked out with 2-6mm quartz gravel for sections in excess of 15mm. Please contact our Technical department for recommendations.</p>
EQUIPMENT CLEANING	<p>Clean equipment with Thinner 21-06 immediately after use.</p>
CURING	<p>Allow a minimum cure time of 1 hour @ 20°C prior to foot trafficking and 2 hours @ 20°C prior to full trafficking. The cured product requires priming with Resideck Rapid CP prior to the application of any other Resideck Rapid CP.</p>
STORAGE & SHELF LIFE	<p>Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C.</p> <p>Adequate ventilation of the storage area should be provided.</p> <p>Keep containers tightly closed when not in use. Resideck Rapid Pourpatch has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.</p>
COVERAGE	<p>A 17kg pack yields 8.5 litres of mortar, sufficient for 0.85m² @ 10mm thickness.</p>
LIMITATIONS	<p>Do not apply to wet, uncured or unprimed concrete surfaces.</p> <p>Resideck Rapid Pourpatch will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.</p>
HEALTH AND SAFETY	<p>Resideck Rapid Pourpatch is flammable during application, so that adequate safety precautions should be observed.</p> <p>Avoid contact of the material with skin and eyes. Wear gloves and goggles. Wash off splashes immediately with soap and water. Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought. Please refer to Material Safety Data Sheet for additional information.</p> <p>Resideck Rapid Pourpatch 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.</p>