

## Stone Surfacing for Exterior Applications

**Description**

SuperStone™ is a thermal set 2 part UV stable polyurethane resin blended with a design mix of aggregates (typically 1/8" to 1/4") to create a continuous flexible stone surfacing system.

**Uses**

SuperStone™ is ideal for pedestrians and light vehicular use on footpaths, courtyards, driveways and balconies.

**Suitable Surfaces**

SuperStone™ is designed to be overlaid on concrete or asphalt substrates. It is also available as a fully permeable surface over a crushed rock base.

Refer to Overlay of Asphalt and Concrete Specification Advice Sheets or Permeable Pavement Specification Advice Sheets for more detail.

**Safety**

For detailed information refer to the Material Safety Data Sheet. Wearing of gloves, goggles, overalls and safety footwear is highly recommended.

**Surface Preparation**

All areas to be treated shall be clean and dry and free from oil, grease, vegetation, chewing gum, loose matter and all other contaminants, which may impair the adhesion of the binder to the substrate.

All new concrete substrates must be subjected to a minimum curing period of 28 days. All concrete substrates must be primed with Rockseal Concrete Primer.

**Mixing**

A cement mixer is required to blend the bagged aggregate. The part A and B resin is then mixed in a separate mixing vessel using an electric drill and paddle.

Resin mix is then added to the cement mixer and combined with the aggregate. Once mixed it is dispensed to a wheelbarrow and taken to the work site ready for trowelling.

**Storage**

All resins and aggregates must be stored in a clean and dry environment. Refer to storage instructions and use by date on kit for details.

**Application**

SuperStone™ is hand trowel applied by trained and accredited applicators. Dispense mixed material. An asphalt rake, lute or gauge rake may be used to assist an even spread of material. Material should be trowel compacted to an even consistency and level.

The trowel should be regularly wiped clean to avoid resin build up and to achieve best results. At this stage, when required, dust with glass for anti-slip finishes. Repeat process to completion. Do not walk on until tack free. No vehicle traffic for 3 days.

**Clean Up**

White spirits is used for clean up.

**Coverage Depth**

Depth	Approx Coverage
3/4"	30 sq. ft / kit
1"	20 sq. ft / kit
1-1/2"	14 sq. ft / kit

### Technical Data

**Standard Pack Size**

200 lb kit of Resin and Aggregate

**Cure Time**

Standard Grade 3–5 hrs @ 70°F

**Application Conditions**

- Ground temperature 40–110°F
- No rain, showers or ambient humidity above 90%
- Not beyond Dew Point (refer to dew point calculator)
- No damp or wet surfaces

**Performance Properties**

Tensile Strength: 80 Kn/m

(When used with Fibregrid)

UV Stability: 60° gloss > 90% @ 5yr

(ASTM D523 Florida Gloss Retention)

Permeability: 40–60 in/min

(AS/NZS 4456.16:1997)