

## Technical Data Sheet

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**Product name:**

# PSL Tecstop Render

**Description:**

A flanking render for use over general masonry or concrete substrates. Tecstop Render is a high build, reinforced lightweight plaster for a fast build to create a flat, durable surface.

**Typical Use:**

- Flushing concrete block, brick, and concrete to provide a suitable surface for finishing plasters.
- Filling large voids up to 50mm deep
- Straightening walls up to 20mm in one coat application.
- Can be rasped easily once dry.

**Expectation:**

Tecstop Render will adhere well to clean, dry concrete and brick and will dry and cure well in a thin coat. Tecstop Render will provide good durability for an indefinite period depending on the life of the substrate.

**Limitations:**

Do not apply less than 3mm per coat. Requires over-coating with finishing textures. If you rasp the product making sure you broom the surface clean. If used in high traffic areas use a mesh coat over the top.

**Technical Data:**

Mix ratio:	10kg plaster requires approx. 6L of water
Coverage:	5mm thick, Approx 2m <sup>2</sup>
Substrates:	Masonry, brick, concrete
Substrates:	all prepared base coats of plaster
Abrasive strength:	Excellent
Adhesion:	Excellent
Vapour Permeability:	No vapour barrier formed
VOC:	N/A
Colour:	grey
Packaging:	10kg bags
Clean up:	Water while product is wet
Use by:	12months from date of manufacture
Storage:	Cool, dry place, off the ground
Application Temperature:	+ 5 °C to + 30 °C
Usual No Coats:	1
Drying Time:	24 hours

Touch Dry:	4 hours
Dry to Recoat:	12 hours
Film Build:	Approximately 5mm dry film build per coat
Thinning:	N/A
Density:	813kg/m <sup>3</sup> after 28 days
MPa:	6.4

**Surface Preparation:**

Do not apply less than 3mm per coat or more than 20mm in one coat. Painted surfaces should have a slurry coat applied. Glazed bricks should be scabbled and slurry coated.

**Application:**

Plaster is applied not less than 3mm with a steel trowel. Apply with firm pressure doubling back with more plaster to achieve a flat uniform finish. Plastering techniques like screeding, floating and scraping can be used to achieve desired flatness as required. Plaster can be pumped and sprayed. Apply plaster only when the temperature is between 5°C and 30°C and will be in that range for the 24 hour period following application.

Reduce water content for a 'stiffer' consistency when filling deep voids.

**Curing:**

Naturally cures, keep moist in very dry conditions. Alternatively once the surface has been rasped/finished wet down thoroughly to improve hardness.

**Clean up:**

Wash equipment and spills as soon as possible with water.

**Environmental and Safety**

Ensure washing water does not enter waterways. Wet waste should be disposed of in empty bags, once dry dispose of in trade waste. The powder is an irritant and appropriate PPE dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust masks and safety glasses when handling products.

Material Safety Data Sheets are available upon request or access directly from <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>