

Technical Data Sheet

Product Name:

PSL Coarse Mesh Render

Description:

It is a meshing render for use over lightweight substrates in conjunction with alkali resistant fibreglass mesh.

Typical Use:

Multi substrate base coat/meshing plaster - conventionally applied over the XTHERM blue, XTHERM gold, Graphex, and Polystyrene substrates. Also for use over prepared masonry surfaces.

Expectation:

Coarse Mesh will cure to form a strong crack resistant background which will accept a textured finish.

Limitations:

Do not apply less than 3mm per coat. Must be used in conjunction with 150gsm Alkali resistant fibreglass mesh. Requires over-coating with finishing textures.

Technical Data:

Mix ratio:	20kg plaster requires approx. 6L of water
Coverage:	4mm thick approx. 4m ²
Substrates:	all substrates
Abrasive strength:	Excellent
Adhesion:	Excellent
Vapour Permeability:	No vapour barrier formed
VOC:	N/A
Colour:	grey
Packaging:	20kg 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 4mm dry film build per coat
Thinning:	N/A

Surface Preparation:

Ensure the surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. XPS, Graphex, and Polystyrene substrates which have been exposed to UV sunlight will require the surface to be broomed/brushed and washed down to remove any dust residue. Pre-painted surfaces should have a slurry coat applied.

Application:

Plaster is applied not less than 3mm thick with a steel trowel or broad-knife. Apply with firm pressure lay in mesh and trowel well to embed mesh. Apply plaster only when the temperature is between 5°C and 30°C and will be in that range for the 24 hours period following application.

Curing:

Coarse Mesh should be protected from hot drying winds and direct sunlight for the first 16 hours. Protect newly applied plaster from rain and water run off for the first 24 hours.

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/>