

Technical Data Sheet

PSL Thermaplast Render

Description:

It is a flanking render for use over general masonry or concrete. Thermaplast Render is a lightweight plaster for fast build to a flat and hard durable surface and which has thermally insulating properties. 20mm thick coating achieves an R-Value of 0.2.

Typical Use:

Flushing concrete block, brick and concrete to provide a suitable surface for finishing plasters. Thermaplast Render provides thermal insulation properties.

Expectation:

Thermaplast Render will adhere well to clean, dry concrete and brick and will dry and cure well in a thin coat. Thermaplast 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 or more than 20mm in one coat. Requires over-coating with finishing textures.

Technical Data:

Mix ratio:	10kg plaster requires approx. 6L of water
Coverage:	20mm thick, Approx 1m ²
Substrates:	Brick, concrete, concrete block, stone
Abrasive strength:	Excellent
Vapour Permeability:	No vapour barrier formed

Surface Preparation:

Ensure surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. Painted surfaces should have a slurry coat applied. Glazed bricks should be scabbled and slurry coated.

Application:

Render is applied not less than 5mm thick 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. Generally polystyrene screed bars are used to gauge thickness. Remove and back fill once plaster has set. 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:

Thermaplast Render 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 can be soaked into land or disposed of in trade waste. The powder is an irritant and paper dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust mask and safety glasses when handling product.

Material Safety Data Sheets are available on request.