

Technical Data Sheet

PSL Solid Render

Description:

It is a meshing render for use over lightweight substrates in conjunction with alkali resistant fibreglass mesh. It is common to do 2 coats at 5mm thick due to shrinkage.

Typical Use:

Base Coat applied over the Graphex Solid System normally applied 10mm.

Expectation:

Solid Render will cure to form a strong crack resistant background which will accept a textured finish.

Limitations:

Do not apply less than 5mm 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: 5mm thick approx. 3m²
Substrates: Graphex/Polystyrene
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. Polystyrene which has been over-exposed to UV will require a broom or scrape to remove any dusty surfaces. Pre-painted surfaces should have a slurry coat applied.

Application:

Plaster is applied not less than 5mm 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:

Solid 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.