

# MEDIUM FLOAT



Technical Data Sheet



## Combining exterior cladding with superior insulation.

Insulclad Medium Float Finishing Render is a polymer modified cement based render that is one of the components of the Insulclad exterior insulated rendered wall system. It is designed as a finish coat that offers an attractive subtle granular texture ideally suited to modern construction while maintaining a traditional look. Other textures are available, refer to your supplier for the other finish renders that are available from the Insulclad range.

Insulclad Medium Float Finishing Render can be used as:

- As a finish coat render on Insulclad Core Panel polystyrene system when Insulclad Base Render is applied first or,
- As a finish coat render on Insulclad Pre-Mesh Panel polystyrene system.
- As a finish coat for blue board, Hebel, brick or block work and other masonry substrates.

Refer to [www.insulclad.com.au](http://www.insulclad.com.au) for installation manual when installing the Insulclad Rendered Wall System for both Core Panel and Pre-Mesh polystyrene systems.

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## Preparation

- Ensure any new concrete based wall substrates are allowed to cure for a minimum of 5 days before rendering. Ensure all surfaces are sound, dry and free from oil, dust, grease, wax, curing compounds, release agents and any other contaminating materials.
- Where excessive suction is a problem or when rendering over any porous substrate (other than Insulclad polystyrene systems), it is recommended that all surfaces should be primed first using Insulclad Joint Patch & Primer Additive mixed with water at a 1:1 ratio to form a primer mix. Apply this primer mix to the substrate surface before rendering. WARNING - do not over seal, apply only one coat of the primer mix to substrate surface.
- Add the same primer mix to the first coat of render to further improve water resistance properties in cases where excessive suction is a problem. Mix the primer mix at a maximum of 200ml per 20kg bag of render. WARNING - do not over seal, mix at no more than 200ml add rate per 20kg bag (mix rate may vary depending on site and weather conditions).
- Application of primer mix is not necessary when installing complete Insulclad Rendered Wall System in either Core Panel or Pre-Mesh polystyrene systems.

## Mixing

- The mixing ratio of Insulclad Medium Float is 20kg of powder to approx.4.5 litres of water (mix rate may vary depending on site and weather conditions).
- Pour 4.5 litres of clean water into a drum and then gradually add the Insulclad Medium Float while mixing continuously until a smooth lump free mix is obtained.
- Always add powder to liquid. Allow the mix to stand for 10 minutes, re-stir and then apply the render onto substrate.

## Application

- Once the substrate has been appropriately prepared in accordance with the above instructions then apply the render onto surface. Apply two coats by trowel then finish with a plastic float.
- Insulclad Medium Float should be applied in two tight coats to achieve the intended finish.
- Apply Insulclad Medium Float render only when temperature is between 5°C to 38°C.
- The final coat must be painted with an acrylic paint sealer/primer and two coats of good quality 100% acrylic paint.
- Refer to [www.insulclad.com.au](http://www.insulclad.com.au) for render coat sequence guide when installing the complete Insulclad Rendered Wall System for the application steps that make up the full render system when using polystyrene wall panels as a substrate.

## Curing

- Newly applied render should be protected from hot drying winds, rain and water run off for the first 24 hours or until the initial hydration takes place.
- Subsequent coats can be applied after approx. 24 hours drying time (drying time may vary depending on site and weather conditions).
- Allow at least 5 days for curing (depending on weather conditions) before painting.

## Coverage

- Approx. 12m<sup>2</sup> per 20kg bag, depending on surface and application, when applied at min 1mm thickness.
- Two coats recommended.

## Storage & Shelf Life

- Bags of Insulclad Medium Float must be stored in a dry area, preferably off the floor on a timber pallet. Rotate the stock to ensure the oldest material is used first.
- Max 12 months shelf life when stored in the manner described above and in the manufacturer's original packaging and packaging is unopened and in original condition as supplied by the manufacturer.

## Cleaning

- Insulclad Medium Float can be cleaned off equipment with water, provided the compound has not dried out.
- Excess render can be cleaned from face of surface using a clean damp cloth while still wet.

## Health & Safety

- The powder is an irritant and may contain respirable silica. Paper dust protection masks must be worn while the product is being mixed.
- The wet compound is alkaline and prolonged skin contact should be avoided. People with sensitive skin must wear rubber gloves when handling this product.
- Material Safety Data Sheets are available at [www.insulclad.com.au](http://www.insulclad.com.au)

Properties	Results
Appearance	Light Grey Powder
Coverage	Up to 12m <sup>2</sup> @ 1mm
Dry Time @ 20° C	24 Hrs
Pot Life	45 mins pending conditions

Recommendations and advice regarding the use of this product are to be taken as a guide only. Foamex Polystyrene Pty Ltd shall not be liable for any inaccuracy in the information given or for any loss, injury or damage whatsoever resulting from its use. Our products and systems are dependent upon the correct preparation and application of all the components in strict accordance with the relevant written instructions. On-site application is beyond our control and Foamex Polystyrene Pty Ltd cannot guarantee workmanship or the correct preparation and application of its products or systems.