



novatex
PRODUCTS PTY LTD

Technical Data Sheet

ER 100



Characteristics

- ER 100 is premixed polymer modified cement based render.
- ER 100 is designed to cover over polystyrene, Hebel, brick and block work.
- ER 100 can be applied with a steel trowel

Handy Tips:

- Do Not apply ER 100 in temperatures above 38oC and below 5oC
- Allow at least 5 days for curing (depending on weather conditions) before painting.
- Control joints should be formed between every level and between different substrates to allow for building movements and minimize potential cracking.
- For applications /situations not mentioned in this data sheet please contact Novatex Products Pty Ltd
- For a full MSDS on this product please contact Novatex Products Pty Ltd
- ER 100 being cement based is alkaline in nature, and therefore may cause dermatitis. It is recommended that applicators wear PVC gloves or similar and safety goggles.

New Generation Building Products



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Preparation:

- Ensure new concrete is allowed to cure for a minimum of 5 days.
- Ensure all surfaces are sound, dry and free from oil, dust, grease, wax, curing compounds, release agents and any other contaminating materials
- It is recommended that a 1:1 resin and water mix may be used to seal surfaces where excessive suction is a problem; "warning do not over seal" Add resin to the first coat

Mixing:

- The mixing ratio of ER 100 is 20kg of powder to 4-4.5 litres of water (may vary based on surfaces and site conditions).
- Pour 4-4.5 litres of clean water into a drum and then gradually add the ER 100 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.
- Trowel on ER 100 to surface and level off using a Render float.
- ER 100 can be applied between 3-12mm thick.
- ER 100 should not be applied in a single coat greater than 12mm thick.
- ER 100 can be finished with a damp sponge or a renderer's float.
- Apply ER 100 only when temperature is between 5°C to 38°C.
- Protect newly applied render from rain and water run off until the initial hydration takes place.
- The final coat must be painted with an acrylic sealer and two coats of good quality 100% acrylic paint.

Clean up:

- Excess render can be cleaned from face of surface using a clean damp cloth while still wet
- Tools and other equipment can be cleaned up using water while the render is still wet.

Coverage:

- A 20kg bag of ER 100 will cover approximately 4m²

Packaging/Shelf life:

- ER 100 is available in a 20kg bag
- A bag of ER 100, when kept in a cool, dry environment, and stored above ground level, will have a shelf life of approximately 6 months

The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insists that all workmanship must be carried out in accordance with the manufacturer's specification. To the full extent permitted by law, Novatex Products liability is limited to its discretion, to replacement of good or the supply of equivalent goods.



Technical Data

| Properties | Results |
|----------------|--------------------------|
| Appearance | Grey Powder |
| Coverage | @4m ² |
| Dry Time @20°C | 24hrs |
| Pot Life | 45min pending conditions |

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