

TECHNICAL DATA SHEET

EZ101

Pre blended polymer modified pumpable cement based render

EZ101 is a multipurpose, acrylic modified render that boasts superior trowelability. EZ101 unique formulation allows it to be applied up to 12mm with no sagging or cracking. EZ101 can be used either through a pump or by using a hawk and trowel over a variety of surfaces including AAC blocks, AFS, brickwork, fibre cement sheeting, concrete and polystyrene board (contact your nearest Novatex office for correct application).

KEY FEATURES

- Acrylic modified
- Easy flow formulation for pumping
- Easy trowelability
- Build up to 10mm in single application
- Unique PFR Technology
- Specially designed for swimming pools
- Non-Combustible

Superior formulation, ideal product for commercial applications e.g. shopping centres, high rise, and housing developments.

Suitable for traditional style rendering methods.

Ideal for bonding to a large range of substrates including AAC blocks, AFS, brick work, fibre cement sheeting, concrete and polystyrene board.

Low VOC content- meets Green Building Council of Australia Green Star IEQ-13 requirements.



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CHARACTERISTICS

EZ101 is a multipurpose, acrylic modified cement render that boasts superior trowelability. With its unique formulation, it can be applied up to 10mm with no sagging or cracking. EZ101 is suitable to be applied over brick work, AAC blocks, concrete, polystyrene surfaces and specified lightweight building substrates when properly prepared.

PREPARATION

Concrete should be cured for 28 days. Block and brick walls should be fully cured before rendering. Suitable fibre cement sheet should be installed per the manufacturer's instructions and must be fully framed. Polystyrene foam panels must be installed in accordance with the manufacturer's instructions. All surfaces must be clean and free from dirt, dust, oil, grease, silicone or loose materials before application. It is recommended that all dry and porous surfaces be primed first using Nova Bond Additive with water mixed 1:1. Warning do not over seal, usually only one coat is required, but AAC block may require 2 coats. For non-porous surfaces, prime area using Novatex Optimus Primer before rendering. Where excessive suction is a problem add approximately 200ml of Nova Bond additive per bag to first coat.

MIXING

Depending on weather conditions and application a slight variation in the amount of water may be required. Always add powder to liquid. For masonry and blockwork, pour 4 litres of water into a clean bucket and slowly add EZ101 powder while stirring. Add entire contents of bag and adjust with water to achieve the desired consistency. Allow to stand for 2 minutes and restir before application. For styrene foam panels make a 1:5 mixture of Nova Bond Additive and water. Then mix in powder as above. For concrete swimming pools make a 1:5 mixture of Nova Bond Additive and water, then mix in powder as above. For fibre cement sheet, mix 10kg of powder with 2 litres of water. Stand for 2 minutes then add 15 litres of Novatex Flex N Patch liquid acrylic render.

APPLICATION

EZ101 application should only be carried out by a skilled and experienced applicator. EZ101 should be applied in a single coat between 3mm and 12mm. EZ101 can be sprayed on with a suitable machine or applied manually using traditional hawk and trowel methods. Allow EZ101 to firm up sufficiently prior to ruling off to form a flat surface. Lightly float to achieve a smooth surface. When used on fibre cement sheet, make the special mixture shown above and apply a single coat of 2 - 5mm (max). Render should be sheltered from rain & moisture for 24hrs after completion dependent on climatic conditions. For higher build thickness, an extra coat of EZ101 may be applied after 4 - 8 hours. Once EZ101 is fully cured, a Novatex finishing render can be applied followed by one of the Nova Coat Texture coatings or Ezytex powder textures. EZ101 should not be left uncoated for an extended period of time.

DRYING TIME

Dries in approximately 24 hours under normal drying conditions. (Dry times may vary with changes in temperature, humidity and residual moisture in the substrate). Under normal conditions EZ101 is fully cured in 7 days. Before application of a decorative finish, allow EZ101 to cure for a minimum of 1 day per 2mm thickness of the render. Cold, damp or humid conditions may lengthen the drying time.

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TILING

Masonry and blockwork, rendered with EZ101 can be tiled over with Novatex Uninova or Novamastic Tile Adhesive. Hollow block must be core filled and reinforced with steel. Do not tile over exterior rendered fibre cement sheet or exterior rendered EPS foam. Do not tile over rendered paint. Do not tile using heavy stone or moisture sensitive stone. Maximum tile weight should not exceed 32kg/m². Consult the tile adhesive data sheet prior to tiling. For rendered swimming pools, use the recommended Novatex Tile Adhesive for the type of tile to be used and type of pool.

COVERAGE

Approximately 2m² per 20kg bag depending on surface for a 10mm build.

CLEANING

Mask any glass or building elements to minimise damage or staining. Wet render or tools and other equipment can be cleaned up using water while the render is still wet. Keep out of sewers and storm water. Sweep up spills. Novatex render can be cleaned off equipment with water, provided the compound has not dried.

SHELF LIFE

12 months when stored in a dry place, in original unopened packaging.

PRECAUTIONS

EZ101 is not suitable for using over floors. If applying over painted surfaces prime area using Optimus Primer (contact your nearest Novatex Office for correct applications) Do not apply in temperatures below 5°C or above 35°C or in extreme conditions such as high wind, direct sunlight, rain and water runoff. Do not apply if overnight temperatures will fall below 5°C. Do not render over substrates that have been exposed to heavy prolonged rain. Do not render over expansion joints or damp courses. Do not render below ground level or constantly damp surfaces. Expansion joints must be brought through the render. Use glass mesh bedded into the render over cracks, joints, around windows and door frames. For applications or situations not mentioned in this data sheet please contact Novatex Products Pty Ltd. Data Sheets are available at www.novatexproducts.com.au.

HEALTH AND SAFETY

The powder can be irritant; dust protection masks must be worn while product is being mixed. The wet compound is alkaline and prolonged skin contact should be avoided.

TECHNICAL DATA

Colour	Off White
Pot Life	1 hour
Touch Dry	2 - 4 hours
Recoat Time	6 - 8 hours
Coverage	3m ² / 20kg @ 4mm Build
Wet Film Build	4 - 10mm / Coat
Full Cure	7 Days

Disclaimer: Please note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Novatex shall not be liable for any inaccuracy in the information given or for any loss, injury or damage whatsoever resulting from its use. To the full extent permitted by law, Novatex Products liability is limited to its discretion, to replacement of goods or the supply of equivalent goods. For applications/ situations not mentioned on this packaging, please contact your nearest Novatex office. 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 Pty Ltd liability is limited to its discretion, to replacement of good or the supply of equivalent goods.

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