

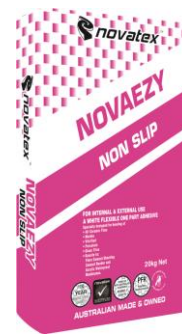
NOVAEZY

NON SLIP WHITE FLEXIBLE ONE PART ADHESIVE

TECHNICAL DATA SHEET

NOVAEZY is a smooth white, polymer modified Flexible non slip tile adhesive. It is designed for bonding a large range of tiles. Suitable for easy installation of wall tiles for internal use only.

- **Commercial Grade**
- **Smooth White**
- **Flexible**
- **Non Slump**
- **Extended Open Time**
- **Adhesive-meets C2S1TE classifications**



Ideal product for interior commercial wall applications

e.g. shopping centres, home units and project homes.

Suitable for most types of walls like concrete, render plaster board and fibre cement sheeting.

Low VOC content which easily meets Green Building Council of Australian Green Star IEQ-13 requirements.

novatex
new generation building products

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Designed for fixing

Suitable for wall applications. For internal use only.

Ideal for bonding a large range of tile types including ceramic, fully vitrified, porcelain, marble, natural stone, terrazzo, glass and mosaics. Not recommended for moisture sensitive stone like green marble. Ideal for application of tiles over Novaproof modified polyurethane waterproofing membrane.

Substrates

Concrete, renders, screeds, Novaproof waterproofing membrane, blockwork, gyprock, plasterboard, and fibre cement sheeting.

Preparation

Ensure surfaces are sound and free from movement, paint, oil, grease, wax, dust, any curing compounds and release agents and any other barrier materials. Ensure wall surfaces to be tiled over are strong enough to support the weight of the tiles being fixed. Surface needs to be dry before tiling, with no residue or permanent damp.

Concrete & Cement Render Screeds

Ensure all concrete is allowed to cure for at least 28 days in accordance with AS 3958.1-2007 and have a wood float finish. Steel troweled finished concrete surfaces must be mechanically abraded or primed first using Optimus Primer. All render surfaces must be allowed to cure for at least 7 days prior to commencing tiling

Plaster Board /Fibre Cement Sheet Walls

Fibre cement sheeting must be the correct sheeting for the installation and be used and installed in accordance to the manufacturer's written specifications. The surface must be primed with NovaPrime. Plasterboard sheets must be the correct sheeting for the installation and be used and installed in accordance to the manufacturer's written specifications. The surface must be primed with NovaPrime.

Existing Tiles

Tiles need to be sound and clean Remove all cracked, drummy or otherwise unsound tiles and repair appropriately. Prime surfaces using Optimus Primer (see Technical Data Sheet for Optimus Primer).

Expansion and Movement Joints

Must be installed in accordance with Australian Standard AS3958.1-2007.

Movement Joints must be placed from the substrate through the tile bed up to the face of the tile.

Movement joints must be clean and free from dirt, adhesive droppings and tile spacers. They must be a minimum of 6mm wide and no wider than 10mm. they should be filled with a suitable elastomeric sealant.

Movement joints in walls must be placed:

Horizontally every 3 to 4.5m. Vertically at story heights

Where 2 different materials meet (e.g. wood and concrete).

Around fixtures in the substrate (e.g. cupboards and railings).

Internal vertical corners; changes in direction of the tiling at changes in storey height.

Over existing movement joints.

Where specified by the sheet manufacturers' instructions.



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Priming

All porous surfaces should be primed using Nova prime (refer to Nova Prime data sheet for correct application). Non porous surfaces should be primed using Optimus Primer (refer to Optimus Primer data sheet for correct application).

Mixing

20kg of NOVAEZY powder requires 6 litres of water
Always add powder to liquid. Mix thoroughly and ensure water and powder is well incorporated.
Allow to stand for 3min and then restir. Adhesive is now ready to use.

Application

All tiling must be carried out in accordance with AS3958:2007 – A Guide to Tiling. Once the substrate has been correctly prepared then apply the adhesive onto the substrate surface.
As a general guide use a minimum 6mm notched trowel for wall tiles measuring up to 200x200mm. Up to 300x300mm use an 8mm trowel. For larger tiles use a 10mm trowel. NOVAEZY can be applied at a bed thickness between 2 to 10mm. For tiles which are 400x400mm or larger or for tiles which are uneven or have lugs on the back of the tile, skim the back of each tile with adhesive. Tiles must be firmly pressed in the freshly trowelled adhesive. Slide the tile at a right angle to the notch pattern to ensure 100% coverage is achieved – **do not spot fix**. NOVAEZY has an open time of 35 minutes and an adjustment time of 60 minutes. Please be aware of site conditions and only spread enough adhesive so that tiles can be fixed while the adhesive is still wet. Do not fix tiles to adhesive that has “skinned”.

Grouting

Commence grouting when tile adhesive has hardened sufficiently so that the tiles will not be dislodged.
Nova Grout should be mixed with Nova Mix Additive as per grout packaging instructions.

Coverage

A 20kg bag of NOVAEZY will cover approximately 14m² on walls using a 6mm notched trowel. The coverage will vary depending on substrate condition, tile type and application technique.

Packaging

NOVAEZY is available in a 20kg bag.

Shelf Life

A bag of NOVAEZY, when kept in a cool, dry environment, and stored above ground level, will have a shelf life of 12 months.



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Cleanup

Excess adhesive should be removed using a clean damp cloth while still wet.
Tools and other equipment can be cleaned up using water while the adhesive is still wet.

Precautions

Do not apply NOVAEZY in temperatures below 5°C or above 35°C.
Do not allow water on the tiling until 48 hours after grouting is finished.
Do not use NOVAEZY for exterior tiling. NOVAEZY is not recommended for floors.
In cool conditions NOVAEZY will take longer to dry.
NOVAEZY is not suitable for use in pools.
For applications or situations not mentioned in this data sheet please contact Novatex Products Pty Ltd.
For a full MSDS for NOVAEZY please contact Novatex Products Pty Ltd.
NOVAEZY 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.

Technical Data

Colour	White
Mixing Ratio	Approx. 6 Ltr water per 20kg powder
Application Properties at 23°C and 50% RH	
Open Time	35 minutes
Adjustment time	60 minutes
Grouting time	8 hours
Ready for use	24 hours
Pot life	2 hours
Under floor heating	Yes
Mechanical Properties (ISO13007.1)	
Tensile Adhesion Strength After 28 days dry	1.9MPA
Water immersion	1.2MPA
Heat	1.2MPA
Freeze Thaw	1.2MPA
Specific Gravity	1.4kg per litre
Classification	C2S1TE

