

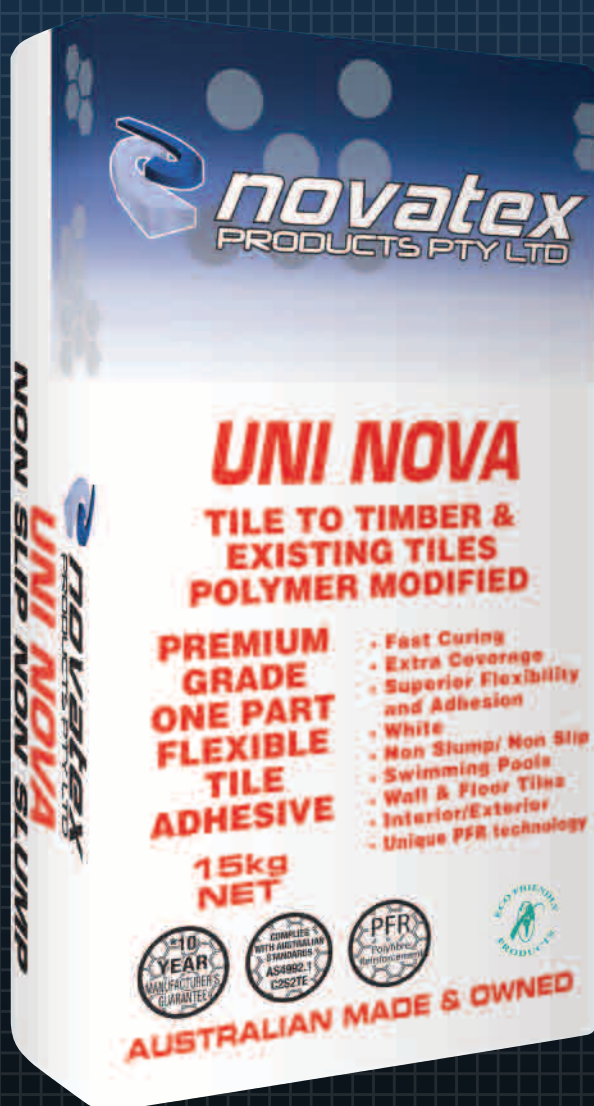


novatex

PRODUCTS PTY LTD

Technical Data Sheet

UNI NOVA



Characteristics

- Uni Nova is a premium grade non slip/non slump, flexible white tile adhesive designed to withstand movement in substrates where movement is expected.
- It is designed for bonding all types of Ceramic, Marble, Porcelain, Vitrified, stone and mosaic tiles, onto concrete, render, rendered brickwork, block work, gyprock, plasterboard, fibre cement and particle board and timber floor surfaces.
- Uni Nova can be used for internal and external wall and floor applications.
- Uni Nova can be applied directly over timber floors.
- Uni Nova can be applied over most modified polyurethane waterproofing membranes, Contact the manufacturer prior to commencing application.
- Uni Nova is non slump designed to be used for Large format tiles.

Handy Tips

- Do Not apply Uni Nova in temperatures above 38°C and below 5°C.
- Uni Nova can be used for fixing tiles in permanently immersed situations like swimming pools.
- 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.
- Uni Nova 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



New Generation Building Products

Preparation

- Ensure new concrete is allowed to cure for a minimum of 28 days in accordance with AS 3958.1-1991.
- Allow rendered surfaces to cure for a minimum of 7 days prior to tiling.
- Ensure surfaces are sound, dry and free from movement, oil, grease, wax, dust and any curing and release agents.
- Existing tiles should be washed with sugar soap, rinsed and dried, High gloss tiles can be scratched with coarse sand paper for maximum adhesion.
- Vinyl tiles should be washed with sugar soap, rinsed and dried, scratched with coarse sand paper.
- Steel troweled finished concrete surfaces must be mechanically or chemically abraded prior to tiling.
- The concrete must not exceed 5mm in 3meters maximum variation of plane for floors and 4mm in 2 meters for walls.
- Pour primer onto floor surface and spread the primer using a brush, roller or broom ensuring the entire area is primed.
- Allow primer to dry for approximately 5 minutes before commencing tiling.

Expansion joints

Must be applied as follows:

- Over existing joints in substrate.
- Between two different substrates meet, e.g.: Timber to concrete.
- Around fixed elements, e.g.: Columns.
- At internal vertical corners.
- Around the floor perimeter.
- If Internal substrate dimensions exceed 15m or 9m if subjected to sun.
- External floor dimensions exceed 6m.
- Expansion joints must go through the adhesive bed to the background and kept from adhesive or dirt. Expansion joints must not be less than 5mm or greater than 100m in thickness.
- Expansion joints must be filled with flexible filler like Polyurethane. All expansion joints should be installed in accordance with AS 3958.1-1991.

Mixing

- 15kg of Uni Nova powder requires 5 lts of water.
- Add water into a clean container and sprinkle Uni Nova slowly into liquid while mixing continuously until a smooth lump free mix is obtained .Always add powder to liquid.
- Allow to stand for 5min and then restir. Adhesive is now ready to use.

Application

- Once the substrate has been appropriately prepared in accordance with the above instructions then apply the adhesive onto surface.
- For floor tiles up to 330 x 330 in size a 10mm trowel should be used, For larger tiles a 12mm trowel should be used.
- A 6mm trowel should be used when tiling Mosaics on floor
- For wall tiles up to 200 x 250 in size a 6mm trowel should be used, for larger tiles a 8mm to 10mm trowel should be used.
- Do not apply more than 1m² of Uni Nova at a time, applying rates greater than this could result in adhesive skinning over.
- To ensure no voids occur and full coverage of adhesive is achieved, press tile into adhesive giving a twisting and front and back sliding motion.
- For tiles with uneven or lugs on the rear it may be required to butter the rear of the tile in addition to applying adhesive on substrate.
- Adhesive bed thickness should be at least 2 to 3mm.
- Commence grouting after 6-8hrs when tile work is firm (refer to grout data sheet for correct applications).

Clean up

- Excess adhesive can be remover using a clean damp cloth while still wet.
- Rake adhesive that has come out in-between joints using a knife or trowel.
- Tools and other equipment can be cleaned up using water while the adhesive is still wet.

Coverage

- A 15kg bag of Uni Nova will cover approximately 15m² using a 6mm trowel.

Packaging/Shelf life

- Uni Nova is available in 15kg and 5kg bags.
- A bag of Uni Nova when kept in a cool, dry environment, and stored above ground level, will have a shelf life of approximately 12 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	White
Open Time	Approx. 20 minutes @ 20°C
Dry Time @ 20°C	6-8hrs
Pot Life	45min pending conditions

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