



Resinflex One Pack GREY



- *Extreme Flexibility
- *Reduces Sound Transmission
- *Designed For Heavy Traffic Areas

Resinflex One Pack is a unique single pack rubber based tile adhesive. Resinflex One Pack is quick curing, water resistant, flexible and bonds tenaciously to most construction substrates. **Resinflex One Pack** reduces sound transmission and is shock and vibration resistant.

SUITABLE TILES

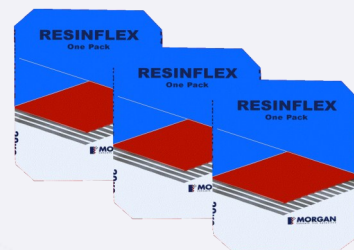
- Natural Stone
- Bicottura
- Monocottura
- Fully Vitrified
- Porcelain
- Moisture Sensitive Green Marble

COLOUR

- Grey

INTERIOR/EXTERIOR

- Walls & Floors



SUITABLE SUBSTRATES

- Concrete/Cement Render
- Brickwork/Blockwork (Cement Rendered)
- Fibre Cement Sheets (Primed)
- Plasterboard (Primed)
- Painted Substrates
- Tilt Up Slabs
- Tile Over Tile
- Timber Flooring & Cork or Vinyl & Vinyl Adhesive (Call us for free site specific technical advice)
- Metal Substrates (Epoxy Primed)
- Substrates subject to extreme vibration
- Over Morgan Waterproof Membrane

PRECAUTIONS

Resinflex One Pack is unsuitable for:

- bonding to MDF board or timber & wax impregnated wood - (Our technical advice - sheet with fibre cement boards).
- bonding to substrates subject to constant water immersion such as swimming pools.

SUBSTRATE PREPARATION & EXPANSION JOINTS

All substrates to be tiled must be flat and true, free from oil, dirt, grease or any other contaminants. Very porous substrates should be primed with **Plastinex** (1 part Plastinex mixed with 4 parts water). Incorporate expansion joints in accordance with AS 3958.1 2007.

Concrete : New concrete must be allowed to cure for 6 weeks and should have a wood float finish. Use **Floor Prep** to acid etch an adhesive key into

Cement Render : Render to be left with a wood float finish and allowed to cure for 7 days.

Fibre Cement Sheets : Fibre cement sheets must be primed with **Plastinex** (1 part Plastinex mixed with 4 parts water) and all joints must be taped with PVC duct tape and fixed according to the manufacturer's instructions.

Plasterboard : Plasterboard must be fixed as per manufacturer's instructions. Jointing compound must be primed with **Plastinex** (1 part Plastinex mixed with 4 parts water).

Painted Substrates : Oil based paints must be in good condition with all flaky paint removed. Surfaces must be washed with a commercial cleaner such as Sugar Soap. Acrylic based paints to be treated in the same manner as oil based paints. PVA based paint surfaces must be scabbled to expose at least 80% of the original substrate. (Call us for free site specific technical advice)

Tilt Up Slabs : Silicon or diesel release agents must be thoroughly removed prior to tiling. Liaise with the manufacturer to identify the release agent and removal strategy. Gyprock sheeting or sandblasting is recommended.

Tile Over Tile: Tiles should be thoroughly cleaned with a commercial cleaner such as Sugar Soap.

Metal Substrates : Thoroughly clean & degrease. Epoxy primers are recommended to guarantee a bond.



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MIXING & POT LIFE

Add **Resinflex One Pack** to clean water at a ratio of 20kg to 6 litres of water. Mix the adhesive to a smooth paste free from lumps by using a drill that has a speed lower than 300 rpm, or mix by hand. Slacken the adhesive and re-mix after 5 minutes. **Resinflex One Pack** has a pot life of approximately 1 hour at 23°C and 50% relative humidity.

OPEN TIME

Resinflex One Pack has an open time of approximately 20 minutes, which can be shortened to just a few minutes by the action of sun, wind, high temperatures or highly absorbent surfaces. Dampening or priming the substrate prior to tiling prolongs the open time of the adhesive. Tilers need to constantly check that the adhesive has not formed a surface skin and is still fresh to touch. Adhesive with a surface skin must be always removed and discarded.

APPLICATION, TOOLS AND ADJUSTABILITY TIME

Always install the tiles in accordance with AS 3958 1:2007 and ensure the backs of the tiles are free of dust. Spread **Resinflex One Pack** evenly across one square metre at a time with a 6mm notched trowel for walls and a 10mm notched trowel for floors. The choice of trowel should be governed by the depth of the knobs, grooves or ridges on the back of each tile and the evenness of the substrate. Lay the tiles with a fair pressure and at right angles to the adhesive notched pattern. The final bed of adhesive should be between 2mm and 4mm. Wall tiles should have a finished joint width of 2mm - 4mm and floor tiles should have a finished joint width of 3mm - 6mm. Tiles can be adjusted for approximately 10 minutes after laying.

COVERAGE

20kgs of **Resinflex One Pack** will cover approximately 12 square metres with a 6mm notched trowel for walls and approximately 10 square metres with a 10mm notched trowel for floors.

CURE TIME

Resinflex One Pack cures in approximately 24 hours at 23°C and 50% relative humidity. High density substrates or tiles and temperatures during installation below 10°C will significantly increase the cure time.

CLEAN UP

Remove excess **Resinflex One Pack** from the grout joints after 10 minutes and clean the tiles with a damp cloth or sponge. Tools and hands can be cleaned with water while the adhesive is still wet.

TECHNICAL DATA

| | |
|----------------------|------------------|
| Open Time | 20 minutes |
| 20 kg Coverage | 12 square meters |
| Pot Life | 1 hour |
| Tensile Strength | > 1MPa |
| Compressive Strength | 20 MPa |

JOINT GROUTING

Depending on environmental conditions, commence grouting after approximately 6 hours. Use **Regular Grout** for grout joints between 3mm to 6mm or **Architectural Superior Grout** for grout joints between 0.5mm to 3mm. **Morgan Slate & Quarry Grout** should be used for joint sizes between 6mm to 20mm. Use **Aquapoxy**, a three component anti-acid epoxy grout, if the joints are required to have a good chemical resistance. The ideal grout joint is 3mm. **Grout Add** may also be mixed with **Regular Grout** to impart extra flexibility, reduce porosity and increase water resistance.

JOINT GROUTING PRECAUTIONS

DO NOT use excessive amounts of water during mixing or initial cleaning as this will cause irregular colour finishes and also weaken the grout. **DO NOT** mix the grout with an electric drill above 300 RPM as this can entrap air into the mix causing grout to dry soft and powdery or with unsightly pin holes in the surface. **All grouts should be Damp Cured for 48 hours.** Refer to the Australian Standard AS 3958 Part 1 2007 Section 5.7.3.

SHELF LIFE

Twelve months if stored in a dry & elevated position in the original factory sealed packaging.

PACKAGING

Resinflex One Pack is available in 20kg bags.

SPECIFICATION CLAUSE

The wall & floor adhesive shall be **Morgan Resinflex One Pack** - a high performance tile adhesive complying with all relevant Australian & International technical standards.

MORGAN QUALITY POLICY STATEMENT

Resinflex One Pack is manufactured and distributed to a quality system based on ISO 9001:2000. **Resinflex One Pack** is guaranteed for 10 years when installed to the guidelines of AS 3958 Part 1 2007 & 2 1992 and in conjunction with written technical information supplied by **Morgan Ceramic Tile Adhesives.**

FREE TECHNICAL ADVICE AND MATERIAL SAFETY DATA SHEETS

Email: accounts@morganadhesives.com.au
Helpline: (08) 9441 6677 Response within 24 hrs

USER NOTE Although the technical details and recommendations contained in this brochure correspond to the best of our knowledge and experience, all of the above information must, in every case, be taken as merely indicative and subject to confirmation after long term practical applications: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in any case the user is fully responsible for all consequences deriving from the use of the product.

Morgan's operate & conform to the AEM system

