



RESINFLEX

ONE PACK

ANTI-FRACTURE & IMPACT SOUND INSULATION IN ONE PACK • CRACK & ACOUSTIC ADHESIVE THAT ELIMINATES THE MATT AND THINSET

Resinflex One Pack is a single pack rubber based adhesive designed to have crack bridging performance to 3mm and impact sound insulation to L'nT,w <62 dB when determined under AS/ISO 717-2/2004. Just add **Resinflex One Pack** to water to prepare an AS4992 C2S2F flexible adhesive that reduces sound transmission and that is shock and vibration resistant. **Resinflex One Pack** reduces construction costs by eliminating a polyurethane matt & adhesive when applied with 12mm trowel.

SUITABLE SUBSTRATES

- Apartment concrete floors
- Single storey concrete floors
- Over Morgan Waterproof Membranes

INTERIOR ADHESIVE

- Specific acoustic adhesive for apartments and concrete floors
- Designed also for commercial areas such as airports, hospitals and supermarkets

SPECIAL ADHESIVE PROPERTIES

- Turns a two step sound control installation into one step only
- Crack isolation to 3mm
- Low VOC, LEED Compliant
- Too easy to use & trowel
- Part of the **Morgan Life Time Warranty Guarantee**

PRECAUTIONS

Resinflex One Pack is unsuitable for:

- bonding to MDF board or timber and wax impregnated wood
- Bonding to substrates subject to constant water immersion

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 **Morgan Universal Primer**. Incorporate expansion joints in accordance with AS 3958.1 1991.

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 concrete finished with a steel float.

MIXING & POT LIFE

Add **Resinflex One Pack** to 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 & 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 12mm 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 4mm and 6mm. Tiles can be adjusted for approximately 20 minutes after laying.

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ADHESIVE FOR CRACK & SOUND INSULATION

COVERAGE

20kgs of **Resinflex One Pack** will cover approximately 5 square metres with a 12mm notched trowel for floors.

CURE TIME

Resinflex One Pack accommodates light foot traffic after approximately 3 hours at 23°C and 50% relative humidity and has a service cure in 24 hours. 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 30 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.

JOINT GROUTING

Depending on environmental conditions, commence grouting after approximately 12 hours. Use **Regular** or **Superior Grout** for grout joints between 3mm to 4mm. **Morgan Slate & Quarry Grout** should be used for joint sizes between 6mm to 20mm. Use **Aquapoxy**, a three component epoxy grout, if the joints are required to have a good chemical resistance. **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 Section 5.7.3.

**FREE TECHNICAL ADVICE
& MATERIAL SAFETY DATA SHEETS**
Email: info@morganadhesives.com.au
Helpline: (08) 9441 6677 Response within 24 hrs

RESINFLEX ONE PACK: TECHNICAL DATA

13007 Classification	C2S2F
Crack Bridging	to 3mm
L'nT,W	< 62 dB
Cure Time	3 hours
VOC	< 3 grams/L
Pot Life	< 1 hour
Adjustment Time	20 minutes
Ready to grout	24 hours
Ready for Service	24 hours

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 tile adhesive complying with all relevant Australian 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 the life of the structure when installed to the guidelines of AS 3958 Part 1 & 2 and in conjunction with written technical information supplied by **Morgan Ceramic Tile Adhesives**.

DISCLAIMER & 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.

