

Product Description

GLUE is an economical rubber modified adhesive for fixing ceramic tiles in internal and external situations. It can be used over render, plasterboard, fibre-cement sheets and concrete in situations where minimal movement (up to 0.3mm) is anticipated. (AS 4992.1 Classification) C1S1.

Features/Benefits

Features

High Adhesion:
Economical:
Moderate Flexibility:
Cement-based:

Benefits

suitable for all types of ceramic tiles.
greater coverage per bag.
accommodates hairline shrinkage movement up to 0.3mm.
dries normally over dense substrates.

Application Range

Location

Internal & External
(satisfactory falls)

Performance Level

Residential , Commercial

Surfaces

Walls & Floors

Tiles

(>0.01% water absorption). Most natural stone, porcelain, mosaics, fully vitrified and ceramic tiles.

Substrates

Walls – Cement render, concrete, fibre-cement sheets, plasterboard.
Floors – Concrete, compressed fibre-cement sheets.

Specification Clause

The wall/floor adhesive shall be ABA GLUE – A one part rubber modified ceramic tile adhesive. Use in accordance with manufacturers instructions.

Applicator Notes

Packaging

20kg

Shelf Life

12 months when stored in the original unopened packaging, in a dry place at 30°C and 50% relative humidity.

Coverage

20kgs of GLUE will cover approximately 13-15m² at a depth of 1.5mm (walls) and 8-10m² at 2.5mm depth (floors).

Surface Preparation

Surfaces must be consistently flat and firmly fixed. Clean off dust, oil, grease and all loose contaminating materials. Ensure surfaces are dry before tiling, with no residue or permanent damp. Prime porous surfaces with ARDEX Multiprime. For further details, including surface preparation of specific substrates, refer to the instructions on the packaging.

Mixing

Approximately 8 litres of clean water mixed with 20kg GLUE makes 21.5 litres of mixed adhesive.

Application

Apply the adhesive as per the specific instructions outlined on the packaging and AS3958.1-1991.

Drying Time

Approximately 24 hours at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures.

Product Limitations

- One part rubber modified adhesives generally exhibit minimum flexibility and low tolerance to movement – GLUE is suitable for hairline shrinkage (0.3mm). If unsure, or where greater movement is anticipated use Abaflex or Isoflex.
- GLUE is not suitable for use with translucent tiles or moisture sensitive natural stone such as green marble. Consult ARDEX for further solutions.
- GLUE is not suitable for use in continuous immersion applications e.g. swimming pools, tanks, etc. ARDEX provides other systems.
- GLUE is not suitable for use directly over timber floors. ARDEX recommends Isoflex.
- External tiling and shower recess floors must have adequate falls for drainage.

Quality Endorsed Company

Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body. Material Safety Data Sheets are available upon request.

User Notes

The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is the responsibility of the user to ensure that the products are used in accordance with ARDEX instructions and in applications for which they are intended. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

Technical Data

1. Characteristics of Product

Colour: Off White
Bulk Density: 0.94g/cm³ (loose)

2. Characteristics of Mix

Mixing Ratio: 20kg:approx 8L (powder to water)
Mix S.G: 1.37

Application Properties (at 23°C and 50% RH)

Pot Life: 2.5 hours @23°C, 50+5%R.H.
Open Time: 35 mins @23°C, 50+5%R.H.
Setting Time: 24 hours @23°C, 50+5%R.H.
Sagging: none

Mechanical Properties

Tensile Adhesion Tests	Results	AS4992.1 Min.requirements
Adhesion after 7 days:	0.8N/mm ²	0.5N/mm ²
Open time:Adhesion after 20 mins:	0.6N/mm ²	0.5N/mm ²
Adhesion after water immersion:	0.8N/mm ²	0.5N/mm ²
Adhesion after heating/aging:	1.1N/mm ²	0.5N/mm ²
Adhesion after freeze and thaw:	1.1N/mm ²	0.5N/mm ²
Transverse deformation:	3.0mm	
Classification:	C1S1	



Commitment to
Rubber Recycling

ARDEX Rubber Recycling

ARDEX continually aim to employ best environmental practices, utilising recycled rubber in place of sand for manufacturing a range of products is one of the ways ARDEX achieve this. By doing so, ARDEX not only contributes to the recycling of approximately 250,000 used tyres per year, but also saves approximately 3500 tonnes of Australia's sand per year. For more information on ARDEX Australia's 'Commitment to Rubber Recycling' visit www.ardex.com



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Overseas Office/ Stockist's Stamp