

SUPER TILESET



Product Description

SUPER TILESET is a polymer fortified cement-based wall and floor tile adhesive. It is formulated for fixing all types of tiles, including dense bodied and fully vitrified tiles over sound substrates without the need for polymer additives. (AS 4992.1 classification). SUPER TILESET meets the Green Building Council of Australia Green Star IEQ-13 requirements for Ceramic Tile Adhesives when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

Features/Benefits

Features

High bonding strength:
Low VOC content:

Mix with water:
Extended pot life:

Benefits

suitable for dense bodied tiles, fully vitrified tiles.
meets Green Building Council of Australia Green Star IEQ-13 requirements.

eliminates mixing ratio issues with liquid additives.
remains useable in container for longer.

Application Range

Location

Internal, External*

*(External areas not subject to movement)

Performance Level

Residential, Commercial, Industrial

Surfaces

Floors, Walls

Tiles - > 0.01% water absorption

Natural stone, porcelain, mosaics, fully vitrified & ceramic tiles

Substrates

- Concrete, render, screed
- Existing tiles
- ABA Ceramic Tile Underlay
- Superflex waterproofing system

Specification Clause

The floor/wall adhesive shall be ABA SUPER TILESET – a polymer fortified, cement-based, ceramic tile adhesive consisting of synthetic resins and special additives. Use in accordance with manufacturers instructions.

Applicator Notes

Packaging

5kg, 20kg.

Shelf life

12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

Coverage

Approximately 4kg of SUPER TILESET per square metre when using a 10mm notched trowel and 3kg per square metre when using a 6mm notched trowel. Coverage will vary depending on substrate conditions and application techniques.

Surface Preparation

Surfaces must be consistently flat and sound. Clean off dust, oil, grease and all loose contaminating materials. Ensure surfaces are dry before tiling, with no residue or permanent damp. For further instructions, including specific surface preparation, refer to packaging.

Mixing

Use approximately 5 litres of water per 20kg of SUPER TILESET.

Application

Before fixing tiles, ensure the back of the tiles are free from dust. Use a 6x6x6mm trowel on walls, 10x10x10mm trowel on floors, to spread the adhesive ensuring it

does not skin prior to bedding the tiles. Do not apply SUPER TILESET at a bed thickness greater than 10mm or less than 3mm. Press and slide the tile at right angles to the notch pattern to ensure 100% coverage on the back of the tile. Lift a tile from time to time and check that there are no voids beneath the tile. Before the adhesive sets, remove surplus adhesive from the surface of the tile and joints. Allow to dry before grouting. For detailed instructions refer to packaging.

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

- Do not use SUPER TILESET for continuous immersion applications.
- Do not use SUPER TILESET over timber floors.
- Do not use SUPER TILESET to fix moisture sensitive natural stone e.g. green marble.
- Do not use SUPER TILESET over concrete slabs subject to shrinkage and other movement ARDEX provides other systems.

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

Product Identity:

Colour & Form: Off White powder

Application Properties: (@ 23°C and 50% RH)

Mixing ratio:	4:1 (powder:water)	Sagging:	None
Open Time:	approx 25 minutes	Pot Life:	3 hours
Adjustability Time:	approx 30 minutes		

Mechanical Properties: (AS 4992.1)

	Result	Requirement
Tensile Adhesion Strength:	1.8 MPa	≥ 0.5 MPa
Tensile Adhesion Strength after immersion in water:	1.0 MPa	≥ 0.5 MPa
Freeze Thaw:	0.8 MPa	≥ 0.5 MPa
Heat Ageing:	0.6 MPa	≥ 0.5 MPa
Classification:	C ₁	



**SUPER TILESET is manufactured by
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