



ARDEX Building Product Information Sheet: Tile Adhesives

Product name:	ARDEX Tile Adhesives
Product line (the product line from which the product is customised)	Tiling adhesives
Product description and its intended use (measurements, materials, usage)	<p>Tile adhesives covered by this BPIS are:</p> <p>ARDEX X 10 GREY is a grey polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic type properties. ARDEX X 10 GREY has an extended open time, is non slump and flexible. For use in residential and light-commercial applications.</p> <p>ARDEX X 17 is a polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic-type properties. ARDEX X 17 suitable for internal and external use in residential and light commercial applications.</p> <p>ARDEX X 18 is a superior polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic type properties. It contains specially developed fibres that add strength to the tiled area. It has an extended open time, is non slump and flexible. It is suitable for both internal and external situations including swimming pools.</p> <p>ARDEX X68 is a superior white polymer fortified cement-based wall and floor tile adhesive, that has been specially formulated to offer extended coverage and with low weight for ease of transporting, mixing, and spreading of the tile adhesive. ARDEX X68 has an extended open time, is non slump and flexible. Mix with water to achieve a mortar suitable for internal and external use in residential and commercial applications, including swimming pools.</p> <p>ARDEX X 77 is a high performance, fibre reinforced, polymer modified wall and floor tile adhesive, which has been specially formulated with Microtec Technology to give exceptional properties of adhesion. When mixed with water, an extremely smooth, creamy mortar is produced with superior slump resistance and double extended open time.</p> <p>ARDEX Quickbond is a fast setting, polymer modified wall and floor tile adhesive, which has been specially formulated to have an extended pot life and fast setting characteristics, making ARDEX Quickbond ideal for situations where the tiled area needs to be accessed or grouted within a few hours of the tiles being fixed. Service areas where minimum down time is critical e.g. shopping centres, commercial situations where other trades need to access tiled floors quickly or domestic situations for same day tiling and grouting are ideal applications.</p>



	<p>ARDEX X56 is a fast setting, polymer modified highly flexible adhesive. This flexibility makes the adhesive suitable for tiling directly to sheet timber and concrete substrates subject to thermal/shrinkage movement without the addition of additives. ARDEX X56 is ideal for quick turnaround applications owing to its fast drying formulation and compatibility with early age concrete and renders/screeds.</p> <p>ARDEX Optima is a premium-grade two-part adhesive with exceptional bond strength. Its unique formula enables ARDEX Optima to be used over a number of difficult to adhere to surfaces. It has a high initial grab which reduces the need for support in wall tiling applications, and is classified as a highly flexible adhesive, S2 in accordance with AS 4992.</p> <p>ARDEX WA100 is a high strength, creamy white, two part epoxy stone adhesive that exhibits superior bond strength. It is specially designed for the fixing of natural stone such as marble and granite, including those sensitive to moisture. It can also be used for the fixing and bedding of natural stone on walls and floors, bench tops and stair risers.</p>
Product identifier (if applicable):	<p>25361 Ardex X10 Grey 20kg bag 25276 X17 20kg bag 32656 X17 Grey 20kg bag 25382 X18 Grey 20kg bag 16641 X18 White 20kg bag 32465 X68 Ultra Lightweight Adhesive 11kg 10229 X77 15kg bag 10521 Quickbond 20kg bag 10227 X56 15kg bag 10477 Optima Liquid 10kg pail 10478 Optima Powder 5kg Bag 11001 WA100 Part A 10L (Resin) 11002 WA100 Part B 10L pail</p>
Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	ARDEX Australia Pty
Legal and trading name of the importer	ARDEX New Zealand Ltd
Address for service:	15 Alfred Street, Onehunga Auckland New Zealand 1061
Website:	ardex.co.nz
Email address	info@ardexnz.com
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NZBN	9429037589653



Relevant Building Code clauses:	Clause B2 DURABILITY: Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years. Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.
Statement on how the building product is expected to contribute to compliance:	Clause B2 DURABILITY: Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years. Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. ARDEX Tile Adhesives are used as a tile adhesive under ceramic tiles, porcelain, fully vitrified and natural stones. ARDEX Tile adhesives are tested to comply with ISO 13007 Ceramic tiles — Grouts and adhesives — Part 1: Terms, definitions and specifications for adhesives.
Limitations on the use of the building product:	Must be installed in accordance with the technical datasheet- Substrate limitation and tile types may apply. Should not be used on floors with a deflection greater than the joist span divided by 360. Joist span must comply with NZS3604. Tiles larger than 400mm X 400mm may require reduced deflection criteria. Dimensional instability in natural stone ranges is often difficult to detect visually and may require thermal and moisture stability testing to ensure that adhesive recommendations are suitable. Do not use in layers thicker than 10mm.
Design requirements that would support the use of the building product:	ARDEX Tile Adhesives are used as a tile adhesive in Tiling situations. ARDEX Tile Adhesives may be used over ARDEX Undertile Waterproofing and Acoustic Systems. ARDEX X18, ARDEX Optima, ARDEX X77, ARDEX X68 are suitable for use in swimming pool applications
Installation requirements:	Refer to the ARDEX Tile Adhesive Datasheet for mixing instructions All Tiling work must be completed in accordance with the data sheet, BRANZ Best Practice Tiling guide and AS 3958.1
Maintenance requirements:	No maintenance is expected during the service life of the top floor covering.
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIS Tile Adhesives v1 22.06.23