





ARDEX SPECIFICATION

MULTI-RESIDENTIAL

ARDEX GROUP

For more than 70 years, ARDEX has been the quality leader for an entire industry, offering excellent building chemicals with supreme processing reliability – the brand of choice for installers and wholesalers.

Strong internal growth and intelligent acquisitions in foreign markets today puts the ARDEX Group on the map with 53 subsidiaries and 3000 employees in over 100 countries on all continents, with one unique theme around the world: ARDEX ensures our valued customers receive the same high quality products and services.

ARDEX Australia is part of the ARDEX Group, a company founded in Germany in 1949, that has grown to become a global business, providing engineered solutions for tiling, flooring, waterproofing and concrete repair.

From sub-floor to roofing, we have developed products that stand the test of time – and moisture. Non-failure in these areas, even under extreme conditions, is critical which is why so many professionals rely on ARDEX.

Innovation has been a key influencer to this continued success, with technologies introduced many years ago still unique in their respective industries today. Being part of the Global ARDEX Group, ARDEX Australia has access to a huge research and development resource which is continually developing world unique products and technologies.



SYSTEM ARDEX

ARDEX is committed to developing products that are easy to use and offer high performance. ARDEX products, systems and services are designed to ensure professional contractors get the competitive advantage of a lower total cost of installation through superior performance.

ARDEX tiling and waterproofing products are designed to work together for total reliability and performance. Each product is the careful result of research and development combining the input of contractors, specifiers and installers to ensure absolute product compatibility.

A system of high quality, totally compatible products matched to unparalleled technical and field support.

We call this SystemARDEX.

SUSTAINABILITY



Source raw materials, packaging and products responsibly and work with our suppliers to deliver materials within our sustainability platform objectives.



Consider the life-cycle of products from innovation to disposal, and apply product declarations to support their use in the marketplace.



Promote the use of our products in repair and restoration to prevent the generation of waste from substrate/core structure replacement.



Use energy efficiently throughout our business processes. Measure and commit to reducing energy consumption and source its supply in line with the sustainability vision.



Eliminate waste and reuse, recycle or recover energy from waste that cannot be otherwise prevented. Waste will only be land-filled as a last resort.



Develop sustainable workplace environments, foster employee awareness to act in accordance to these values and promote social responsibility.



ARDEX PRODUCT CATEGORIES

ARDEX offers a complete product offering, enabling customers to choose the right product based on their specific needs.

From entry level products and workhorses through to benchmark premium products, solutions for all price and performance requirements are available.

TILING

Tile Adhesives

Natural Stone Adhesives Ready Mixed Adhesives Flexible Adhesives Rapid Technology Rapid Setting Adhesives

Decoupling Systems

Crack Isolation Systems

FLOORING

Self-Levelling Compounds Bulkfill Compound Wear Surfaces External Levelling **Engineered Screeds** Vinyl Adhesives **Repair Mortars** Patching Mortars

WATERPROOFING

Liquid Applied Membranes WeldTec Sheet Membrane

- Undertile
- Exposed •
- Green Roofs & Planter Boxes
- Belowgrade and Tanking **Potective Facade Coatings**

Trafficable Membranes & Coatings

- **Butynol Membranes**
- **Torch-applied Membranes**



Epoxy Grouts **Commercial Grouts** Cement Based Grouts Silicone Sealants



GENERAL CONSTRUCTION

Concrete Repair Mortars Renders **Construction Grouts** Rapid Setting Repair Mortars Structural Crack Repair **Construction Sealants**

SOLUTIONS FROM BASEMENTS TO ROOFTOPS



SOLUTIONS FROM LIVING ROOMS TO BATHROOMS

VINYL ADHESIVES

ENGINEERED SCREEDS FOR UNDER VINYL

MOISTURE BARRIERS

FLOOR LEVELLING SYSTEMS SCREED AND LEVELLING SYTEMS

TILE ADHESIVES

GROUTS AND SILICONES

IMPACT SOUND REDUCTIOIN AND DECOUPLING SYSTEMS

> UNDERTILE WATERPROOFING SYSTEMS

PROJECT SOLUTIONS

THE RITZ-CARLTON PERTH, ELIZABETH QUAY, WA

80,000m²

of ARDEX WPM 002, ARDEX WPM 310. ARDEX X 18. ARDEX WPM 300 and ARDEX Grouts and Silicones installed.

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ARDEX was selected as the complete system provider for waterproofing, tile adhesives, grouts and silicones for the new Ritz-Carlton in Perth. The six swimming pools, spas, all internal wet areas and balconies were waterproofed with ARDEX WPM 002 liquid applied membrane followed by ARDEX X 18 for all tile installation. The external facade of the building was coated with **ARDEX WPM 310** prior to the mechanically fixed cladding system being installed.

BONDI APARTMENTS, **BONDI. NSW**

3,000m²

of ARDEX WPM 750, ARDEX WPM 1000 & ARDEX WPM Root Repell™ installed

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Due to the ARDEX Systems approach, the Weldtec[™] system was specified on this newly constructed multi-level residential apartments. The ARDEX WPM 750 was installed in all bathrooms and wet areas, in conjunction with the ARDEX WPM 002 liquid applied membrane. The multi-purpose rooftop entertaining area consisted of ARDEX WPM 1000 being installed under paver pad systems, with the ARDEX Root Repell™ being installed within all planter boxes. This external area was completed with the ARDEX WR 120 FR render as part of the ARDEX System.



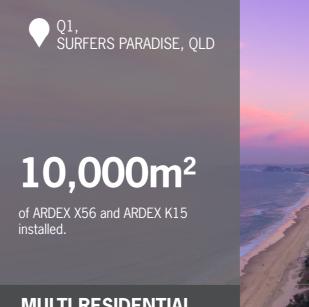
THE HUB APARTMENTS RICHMOND. VIC

7,000m²

of ARDEX WPM 155 Rapid, ARDEX WPM 002 and ARDEX WPM 185 installed.

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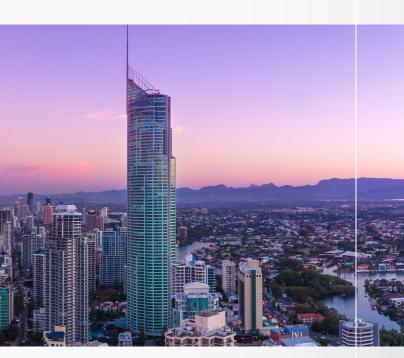
ARDEX Australia was nominated as the preferred supplier as a company that could provide holistic solutions that catered for the needs of the project. 5000 square metres of ARDEX WPM 155 Rapid was used due to the quick turnaround times and ease of substrate preparation. Also, over 300 square metres of ARDEX WPM 002 was used to waterproof external terraces over basements. Finally, ARDEX WPM 150 and ARDEX WPM 185 torch applied membranes were used to waterproof 2000 square metres of roof and terraces.



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ARDEX was selected as exclusive suppliers of all Q1's tile adhesives, soundproofing requirements, and grouts. For critical high traffic areas requiring a heavy duty leveling product ARDEX K 15 was used. One of the major tiling hurdles was the potential lipping of the 600 x 600mm, 20mm thick limestone floor tiles with conventional flexible adhesives. (Lipping or uneven tile heights is aesthetically unappealing and a trip hazard). The rheology of ARDEX X 56 overcame problems with 'lipping' and used over the company's Soundproof Underlay, it also helps improve impact sound resistance.





SPECIFICATION & TRAINING

SPECIFICATION

Construction practices are diverse throughout Australia and each project is unique, requiring different products based on location, environment and application.

ARDEX manufactures a unique and diverse portfolio of specialty building products to meet the needs of local markets. Architects, designers and engineers who are working on a project can contact an ARDEX Specification Representative to assist them in selecting the appropriate ARDEX product based on the location of their project and create specifications.



Our industry, like any other, requires on-going training to keep up with the changes in legislation/ standards and materials (tiles, concrete, substrates etc). ARDEX offers training for both the applicator as well as design practitioners.

For members of the construction industry committed to providing a high level of workmanship, ARDEX can help stay up to date, and increase both knowledge and confidence when specifying.

CPD TRAINING

As a member of the Refuel CPD Provider Network ARDEX Australia are proud to offer online formal CPD training to you. Our courses are aimed to educate and aid architects, specifiers and designers on the topics of waterproofing, tiling and flooring systems.

These one hour sessions can be facilitated online or face to face and offer 1 formal CPD point for each topic.

The topics we have are;

- The 4 Key Components of Successful Waterproofing
- Sources of Moisture and Damp Slab Problems
- Floor Preparation For Resilient and Textile Floor Finishes
- Efflorescence & Sources of Grout Discolouration
- Understanding Grout

To view and register for any of our upcoming online sessions please visit https://ardexaustralia.com/services/eventdirectory/ardex-cpd-training/

WARRANTY

ARDEX WARRANTIES

The major point of difference between an ARDEX warranty and other warranties is the extent of the cover provided for the owner or builder.

Most competitor product warranties only cover the replacement of the defective product in the case of a claim. This cover is further reduced by a discounting structure based on the years of service prior to the claim. No cover is provided for the costs incurred in removing the defective product, re-installing the replacement product and the re-instatement of any coverings that existed over the top of the product. These costs can involve the owner or builder in a far greater expenditure than the discounted replacement cost of the defective product.

TECHNICAL SUPPORT



ARDEX products are backed by a team of Technical Support Specialists and Sales Professionals dedicated to one goal – eliminating guesswork, improving onsite efficiencies and taking risk out of installations. ARDEX supports building professionals to complete successful projects by having:

- The largest field team of trained professionals
- Project specific installation recommendations
- Job start-up and walk-through support
- Trained contractor recommendation
- Extensive digital resources



ARDEX PRODUCT & SYSTEM ARDEX WARRANTIES

Ardex warranty claims cover:

a) the costs of repair to which the product is applied and damaged by removal of the defective product where such proves necessary.

b) the cost of reinstatement or repair of the Product or System including material costs of equal or equivalent products.

c) the costs of rectification of any material covering the product and removed to repair the product such as tiles, vinyl, etc. (Note: Replacement of floorcoverings limited to period of manufacturers warranty). Ardex warranty claims are NOT discounted by years of service of defective products of any damage to the surface or material.

CONTACT

Contact our Technical Services Department for help with anything out of the ordinary, If we don't already have the answer we will certainly investigate.

Technical Services Toll Free 1800 224 070 (Australia)

Technical Data is available on the ARDEX Australia Website www.ardexaustralia.com and the ARDEX Australia Mobile App.

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