

ARDEX Natural Stone Range
non staining on sensitive stone



Natural stone is becoming increasingly popular, this presents new challenges to ensure a perfect finish and avoid unsightly staining, which is frequently caused when moisture from traditional tile adhesives and grouts gets into the stone dissolving existing materials, such as iron oxides or organic deposits which can discolour the face and/or edges of natural stone tiles.



ARDEX Natural Stone products featuring 'Rapidry Formula Technology' have been developed to provide practical solutions to this problem.

The mix water is literally 'locked' within the mortar virtually eliminating the risk of water staining, warping and curling. Another key feature is rapid, controlled drying and hardening, allowing natural stones to be walked on and grouted in the shortest possible time.

ARDEX Natural Stone products provide solutions when:

- Fixing natural stones that are prone to water staining
- Fixing natural stones that need to be walked on or grouted in only two hours
- Grouting natural stones that are prone to water staining
- There is a need for a Total System Solution, including levelling compounds, adhesives, grouts and silicone.

Left

Moisture sensitive natural stones grouted with a traditional cement-based grout, resulting in unsightly water staining at the tile edges.

Right

Moisture sensitive natural stones grouted with ARDEX MG Rapid Drying Marble and Natural Stone Grout. ARDEX Rapidry Formula technology locks the mix water into the grout, eliminating water staining at the tile edges.





ARDEX Natural Stone Systems

Rapid Floor Tiling System for Translucent Marble Tiles – Dry Internal

ARDEX ST

Neutral Cure and Non Staining Natural Stone Silicone

ARDEX MG

Rapid Drying Marble and Natural Stone Grout

Translucent Marble Floor Tiles

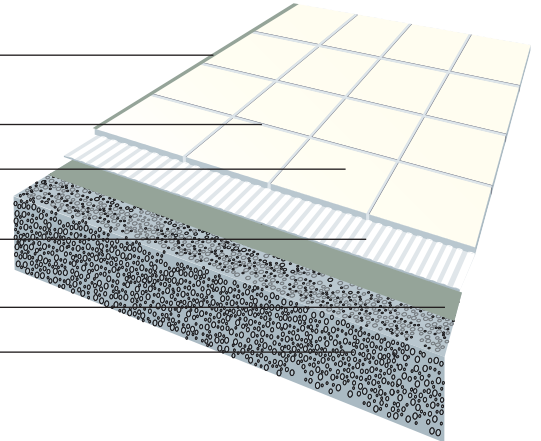
ARDEX S16W

White Rapid Hardening and Drying Natural Stone Adhesive

ARDEX WPM300 (optional)

Water-Based Epoxy Membrane

Sand/Cement Screed



Rapid Wall Tiling System for Moisture Sensitive Natural Stones – Dry Internal

ARDEX MG

Rapid Drying Marble and Natural Stone Grout

Moisture Sensitive Limestone Tiles

ARDEX S16W

White Rapid Hardening and Drying Natural Stone Adhesive

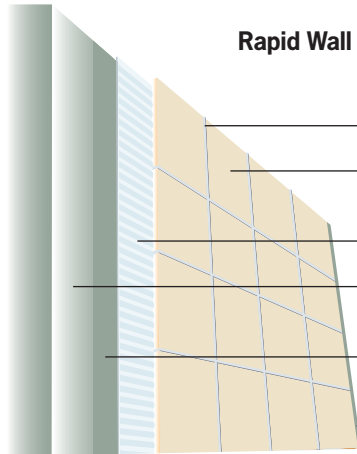
Cement/Sand Render on Blockwork

ARDEX WPM300 (optional)

Water-Based Epoxy Membrane

ARDEX ST

Neutral Cure and Non Staining Natural Stone Silicone



Notes:

- All backgrounds to be dry and sufficiently mature as recommended in the Australian Standards
- When there is not a risk of water staining, standard ARDEX tiling adhesives and grouts are suitable for virtually all tiling applications. Full technical data on all ARDEX products is available online at: www.ardexaustralia.com
- Consult the relevant Technical Datasheet or contact ARDEX Technical Services for detailed guidance on fixing and grouting natural stones
- ARDEX WPM300 can be included in the system to offer further protection against moisture below the surface

Range of products

ADHESIVES

ARDEX WA 100 Two Part Epoxy Adhesive for Natural Stone

ARDEX S16/S16W Rapid Hardening and Rapid Drying Tile and Natural Stone Adhesive

GROUT

ARDEX MG Rapid Drying Marble and Natural Stone Grout

SILICONE

ARDEX ST Neutral Cure and Non Staining Natural Stone Silicone

PRIMER

ARDEX SP 1 Primer for ARDEX Silicone



These products are the main focus of the range, as they provide solutions for fixing moisture sensitive natural stones, which require specialty products. Some of these involve the unique **ARDEX Rapidry Formula Technology**.

Furthermore, the range has been independently tested and meets the **Green Building Council of Australia Green Star Specification** for IEQ-11 and IEQ-13





ADHESIVES

ARDEX WA 100

- Fixing and bedding of natural stone on walls, bench tops and stair risers
- Fixing and bedding large format ceramic and porcelain tiles
- Smooth, easy to mix consistency
- Ideal for moisture sensitive natural stones – will not stain or bleed

ARDEX S16/S16W

- For fixing ceramic and natural stone floor and wall tiles
- Fixing low to medium dimensionally sensitive stone, such as limestone, travertine and marble
- S16W White is ideal for fixing translucent marble, glass mosaics and other sensitive natural stone

GROUT

ARDEX MG

- For grouting moisture sensitive natural stone, such as marble, sandstone and limestone
- Wall and floor applications

SILICONE

ARDEX ST

- Movement joints (between tiles), corner joints (tiled wall and floor), connecting joints (between tiled surface and bench tops, bath edges, cupboards, and splash backs)
- For use with sensitive natural stone tiles, virtually eliminates the chance of staining stone edges
- Use in immersed applications, e.g. swimming pools
- Contains fungicides to combat mould growth

PRIMER

ARDEX SP 1

- Seals the edges of sensitive natural stone to help avoid staining of stone edges
- Provides a better bond on critical joints, such as those in swimming pools

Each ARDEX product is the result of research and development with the help of contractors, specifiers, manufacturers and clients to ensure a complete range of absolutely compatible products with market leading performance.



SYSTEMARDEX
PREMIUM PERFORMANCE

We call this SystemARDEX:

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

The ARDEX Natural Stone Range epitomizes this philosophy, combining products that provide complete system solutions, along with specialist knowledge to provide individual project specifications and support throughout the project.

ARDEX also supply a range of other tiling, flooring and waterproofing products that can be used in a wider range of applications, including those with natural stone.





Technical Support

A key part of the ARDEX Natural Stone Range is the technical support available to specifiers and contractors in assisting with problem free natural stone installations. ARDEX is committed to being the leading provider of technical support in the field. Our team of professional technical service advisors work with specifiers and contractors, as well as the ARDEX R&D team to provide project specific application solutions.

- **Specific application recommendations, including testing of individual stone samples to provide tailored project system specifications**
- General recommendations for fixing sensitive and non sensitive natural stone
- Project start up and walk through support to completion
- Dedicated team of Architectural Representatives
- The largest field sales team of trained professionals

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