



CLEAN AND GREEN

ARDEX WATERPROOFING
PRODUCTS GAIN
LOW VOC STATUS

GREENER TODAY FOR A CLEANER TOMORROW.

ARDEX OFFER INNOVATIVE WATERPROOFING PRODUCTS OF OUTSTANDING QUALITY AND OPTIMAL ENVIRONMENTAL FRIENDLINESS, MOST OF WHICH HAVE ACHIEVED THE REQUIREMENTS FOR THE GREEN BUILDING COUNCIL OF AUSTRALIA AS LOW VOC PRODUCTS.

Benefits at a glance.

- All products featured meet the Green Building Council of Australia Green Star IEQ-11 and IEQ-13 requirements for Architectural Sealants 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
- A complete system approach. From primers right through to the final membrane
- Fully compatible with all other ARDEX high quality construction materials (primers, floor levellers, tile adhesives and grouts)



What does VOC mean and who are the Green Building Council of Australia?

Volatile Organic Compounds (VOC) are carbon-based molecules (organic compounds) used in a wide range of building materials. Under normal conditions, they vaporize, effectively leaving their host and entering the air where they combine to form air pollutants (i.e. photochemical smog or greenhouse gases. In addition, VOC could also trigger respiratory reactions).

The Green Building Council of Australia has been established to promote sustainable development and the transition of the property industry by promoting green building programs, technologies, design practices and operations.

Green Star rated projects are evaluated against eight environmental impact categories, plus innovation. Within each category, points are awarded for initiatives that demonstrate that a project has met the overall objectives of Green Star and the specific criteria of the

relevant rating tool credits. Points are then weighted and an overall score is calculated using the Green Star Environmental rating system, determining the project's Green Star rating.

ARDEX, global suppliers of premium tiling, flooring and waterproofing products, continually strive to meet demands of the market. After experiencing a growing demand for low VOC products to meet with the Green Building Council of Australia Green Star rating system, ARDEX has responded by testing a range of waterproofing products from sub-floor to roofing, and is now pleased to offer a low VOC Solution...

OUR PRODUCTS AT A GLANCE

ARDEX WPM 001 – Single Component Undertile Waterproofing Membrane

- Designed for tiling – fully compatible with ARDEX tile adhesives
- Used in internal wet areas, balconies, decks, and other areas that will be tiled or otherwise protected from regular foot traffic
- VOC content 18g/L



ARDEX WPM 157 – One Part Moisture Cured Polyurethane Membrane

- Excellent flexibility and chemical resistance properties
- Ideal for planter box internals, landscaped decks and roof and deck areas that are to be paved over sand bed, ballasted or otherwise covered without bonding
- VOC content 121g/L



ARDEX WPM 002 – Two Component Waterproofing Membrane

- Rapid drying time, normally ready to tile in 16-24hours
- Currently the only class III two component cementitious membrane that conforms to AS4858:2004 Wet Area Membranes
- Designed for tiling – fully compatible with ARDEX tile adhesives
- VOC content 25g/L



ARDEX WPM 163 – Single Component Polyurethane Dispersion Sealer

- Water resistant protective sealer
- Penetrates and cures within the pores of the surface being sealed
- Semi permeable – allows the surface to breathe
- Used as a sealer and dust suppressant in warehouse and showroom concrete floors
- VOC content 22g/L



ARDEX WPM 155 – Modified Polyurethane Membrane

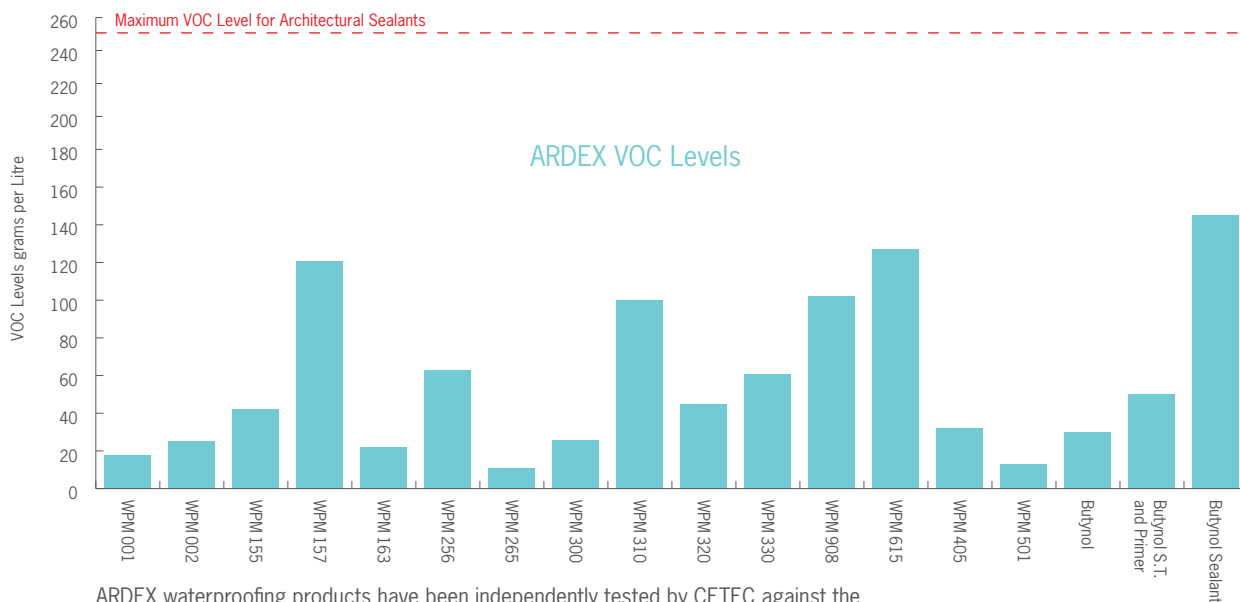
- Class III membrane – in accordance with AS4858 requirements
- Great film build – easy to gauge thickness
- Designed for tiling – fully compatible with ARDEX tile adhesives
- VOC content 42g/L



ARDEX WPM 256 – Water Based Epoxy Bonding Bridge

- For bonding new render or concrete to aged concrete substrates
- Used as an epoxy admixture in cementitious products for concrete repair
- Excellent adhesion – can be applied to damp surfaces
- VOC Content 63g/L





ARDEX waterproofing products have been independently tested by CETEC against the GBCA requirements and fall well under the requirements of 250g/L for IEQ-11, IEQ-13 Architectural Sealants.



ARDEX WPM 265 – Water Based Primer

- A red pigmented, acrylic primer system designed to seal porous substrates and enhance the adhesion of ARDEX membranes
- Coloured – primed surfaces are easily identified
- VOC Content 11g/L



ARDEX WPM 310 – External Façade and Roof Membrane

- General purpose membrane for exposed wall and roof waterproofing
- Used as a semi-permeable membrane – allows the wall surface to breathe
- Provides excellent UV resistance and long term protection from the elements
- Good gloss retention and low dirt collection, also prevents carbon dioxide attack
- VOC Content 100g/L



ARDEX WPM 300 – (HydrEpoxy 300) Water Based Epoxy Membrane

- Two component water based epoxy coating designed as a preparatory sealer and barrier coat
- Used as a waterproofing membrane, curing membrane and barrier coating over freshly hardened (green) concrete or damp concrete either as an internal finish or prior to the application of conventional carpet and tile adhesives, resilient flooring, self leveling mortars or conventional building paints
- Hydrostatic pressure resistant waterproofing membrane
- Low water vapour transmission coating
- Used as a barrier on the negative side in below grade surfaces
- Potable water approved
- VOC Content 26g/L



ARDEX WPM 320 – Bitumen Emulsion Waterproofing Membrane

- Contains an effective root inhibitor that repels most root growth
- Typical applications are below grade tanking (not hydrostatic situations) planter boxes and retaining walls
- VOC Content 45g/L



ARDEX WPM 330 – External Anti-Carbonation Façade Membrane

- Specially designed as an exposed façade membrane
- Prevents moisture, salt and carbon dioxide entering and damaging the building structure while still allowing the substrate to breathe
- Highly resistant to dirt retention
- Excellent Anti-Carbonation, Chloride Ion and Sulfide Ion Transmission ratings
- Contains fungi and algae growth inhibitors
- VOC Content 61g/L





ARDEX WPM 908 – Water Based Trafficable Membrane

- Hard wearing trafficable membrane for various substrates
- Formulated to give anti-slip properties without the use of additional sand/fillers
- Typical applications are terraces, balconies, roof decks, pathways, plant and mechanical rooms
- VOC Content 70g/L



ARDEX WPM 405 – High Performance Polymer Additive

- Liquid polymer additive for sand/cement mixes
- Improves bond strength and flexibility
- Temporary waterproof sealer
- Admix for sand/cement mixes in repair mortars, fillets, covings, renders and screeds
- VOC Content 32g/L



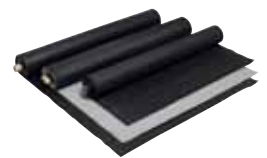
ARDEX WPM 501 – Water Based Epoxy Structural Adhesive

- Waterproofing structural adhesive for wet areas in bonding of floor and wall coverings
- Excellent adhesion to most substrates
- Can be applied to damp surfaces and freshly laid (green) concrete
- VOC Content 13g/L



ARDEX Butynol

- ARDEX Butynol is a synthetic rubber membrane that protects against water, moisture, vapour, gases, sun, ozone, frost, acids chemicals and bacteria
- Resists tearing, flex cracking, bubbling and abrasion
- Typical applications are roof membranes, external balconies and decks – protected, gutter linings, water containment (i.e. pillow tanks, reservoirs, pond liners), below grade applications
- VOC Content 30g/L



ARDEX WPM 615 – TPO Roofing Membrane

- ARDEX TPO is a high performance waterproofing membrane, that is environmentally friendly, quick to install and safe to use
- ARDEX WPM 615 is an ideal membrane for combination with extensive green roof systems, using lightweight and low maintenance sedum vegetation
- ARDEX TPO is a heat reflective and energy efficient roofing membrane
- VOC Content 74g/L



ARDEX Butynol Seam Tape

- Is an uncured butyl cold gum tape for use in conjunction with ARDEX Butynol and ARDEX WPM 299 Seam Primer in bonding Butynol lap joints
- VOC Content 50g/L



ARDEX Butynol Sealant

- Seals Butynol flashings into chases as found in building and construction
- Excellent adhesion and sealant properties to both Butynol Membranes and building substrates
- VOC Content 145g/L





GOOD ENVIRONMENTAL CHOICE Certified Product
Lic No: PM-SP-AR2-08.
Printed waterless on recycled paper.
This product meets the requirements of the Australian
Ecolabel Program under standard AELA 20 - Printers
and Printed Matter. See for details <http://geca.org.au>

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