

April 2010



# SYSTEM ARDEX

Tiling and Substrate Preparation Products



**SYSTEMARDEX**  
PREMIUM PERFORMANCE



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This catalogue is designed for quick reference.

Please refer to product datasheets and packaging for detailed instructions.

# ARDEX Introduction

For over 50 years ARDEX has been synonymous with the development, manufacture and marketing of premium quality specialist construction materials for the tiling, flooring and waterproofing industries.

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, such as ARDEX X77 which contains Microtec Technology and has a unique adhesive classification C2 FT(T)E(E) S1.



**ARDEX Microtec Technology** – A unique binding matrix made up of exclusive ARDEX materials, special cements and polymers combined with high performance fibres which improves adhesive strength, reduces the effect of shear strain and stress on the ARDEX tiling systems.



**ARDEX Rapidry Formula Technology** – Is the ability of the mortar to totally bind the water used for mixing, virtually eliminating the risk of water staining.



**ARDEX Grout Shield** – Combats fungal and algal organisms which can lead to mould growth.

ARDEX manufacture products in three main construction categories;

- Tiling
- Flooring
- Waterproofing

Each 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.

We call this SystemARDEX :

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



## ARDEX AND OUR ENVIRONMENT

As part of our ongoing commitment to the environment, ARDEX is constantly looking to employ best environmental practices, whilst also developing new and existing products to reduce our ecological footprint.

Utilising recycled rubber in place of sand for manufacturing a range of products is one of the ways ARDEX achieve this. By doing so, ARDEX not only contributes to the recycling of approximately 250,000 used tyres per year, but also saves approximately 3500 tonnes of Australia's sand per year.



Commitment to

### Rubber Recycling

The indoor air quality of buildings is also enhanced by using ARDEX products. A vast array of the high performance and commonly used ARDEX tiling products have been independently tested to meet the Green Building Council Green Star Specification for Office Interior (IEQ-13). The table below highlights currently approved products.

#### VOC Tested Table

TILE ADHESIVES	GROUTS/SILICONE
ARDEX X77	ARDEX FG8
ARDEX Abaflex	ARDEX FS-DD
ARDEX X10	ARDEX MG
MPP	ARDEX WA
ARDEX X56	ARDEX WJ50
ARDEX X52	ARDEX Abapoxy
ARDEX STS8	ARDEX SE
SUPER TILESET	ARDEX ST
ARDEX QUICKBOND	ARDEX Grout Booster
ARDEX S16	SURFACE PREPARATION PRODUCTS
ARDEX Isoflex 2 Part	ARDEX Abacrete
ARDEX Optima	ARDEX Multiprime
ARDEX WA100	ARDEX E90
ARDEX CA20P	ARDEX LQ92
	ARDEX DS40

*Note: ARDEX also have a wide range of Waterproofing and Flooring products that are low VOC compliant, please refer to the relevant brochure.*

# Tile and Stone Adhesives



# Selection Table – Floor Tiling

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Note: The adhesives recommended in the tables below are suitable for most tile types: ceramic tiles, mosaics, fully vitrified tiles and natural stone that is not moisture sensitive. (For moisture sensitive refer to the ARDEX Natural Stone System). Also when fixing translucent tiles check the colour of the adhesive.

	General traffic areas			Heavy traffic areas		
	Int	Wet*	External	Int	Wet*	External
<b>Concrete/sand-cement screed</b>	ARDEX Abaflex	✓	✓			✓
	ARDEX X 52	✓	✓	ARDEX X 77	✓	✓
	ARDEX Quickbond	✓	✓	ARDEX Quickbond	✓	mix with Abalastic
	ARDEX STS 8	✓	✓	ARDEX STS 8	✓	mix with ARDEX E 90
	ARDEX X 56	✓	✓	ARDEX S 16	✓	✓
	ARDEX S 16	✓	✗			✗
<b>Compressed fibre-cement sheet</b>	ARDEX X 77	✓	✓			
	ARDEX Abaflex	✓	✓			
	ARDEX X 52	✓	✓			
	ARDEX STS 8 + ARDEX E 90	✓	✓			
	ARDEX X 56	✓	✓			
	ARDEX Optima	✓	✓			
<b>Existing tiles – no grinding the glaze</b>	ARDEX X 77	✓	✗			
	ARDEX X 77	✓	✗			
<b>Existing tiles – remove the glaze</b>	ARDEX X 77	✓	✓	ARDEX Abaflex	✓	✓
	ARDEX X 56	✓	✓	ARDEX X 77	✓	✓ mix with ARDEX E 90
<b>Heated concrete slab</b>	ARDEX X 77	✓	✓			
	ARDEX Abaflex	✓	✓			
	ARDEX X 56	✓	✓			
<b>Sheet Timber</b> (internal timber, unbonded timber and high risk wet areas ie: shower recess)	ARDEX I soflex	✓	✗	Requires an unbonded screed or mechanically fixed fibre-cement sheets prior to fixing tiles with ARDEX Abaflex or ARDEX X 77 (no recommendation for external use)		
	ARDEX X 56	✓	✓			

\* Wet: This refers to internal wet areas where waterproofing is required.

# Contact ARDEX Technical Services.

WALL TILING		INTERNAL			EXTERNAL		
		Dry	Wet* (over membranes)				
<b>Concrete/cement render</b>	MPP <sup>†</sup>	✓	✓			ARDEX X 77	
	ARDEX X 77	✓	✓			ARDEX Abaflex	
	ARDEX D 1 (Abamastic)	✓	✗			ARDEX Optima	
	ARDEX D 11 (Abafix)	✓	✗			ARDEX STS 8 + ARDEX E 90	
	ARDEX D 2 <sup>‡</sup>	✓	✓ <sup>2</sup>			ARDEX X 56	
	ARDEX STS 8 <sup>†</sup>	✓	✓				
<b>Fibre-cement sheet/plasterboard</b>	ARDEX X 56 <sup>†</sup>	✓	✓				
	MPP <sup>†</sup>	✓	✓				
	ARDEX X 77	✓	✓				
	ARDEX D 1 (Abamastic)	✓	✗				
	ARDEX D 11 (Abafix)	✓	✗				
	ARDEX D 2 <sup>‡</sup>	✓	✓ <sup>2</sup>				
	ARDEX STS 8 + ARDEX E 90	✓	✓				
	ARDEX X 56 <sup>†</sup>	✓	✓				
	ARDEX Optima	✓	✓			ARDEX Optima	
	ARDEX X 77	✓	#				
<b>Existing tiles – no grinding the glaze</b>	ARDEX X 77	✓	✓			ARDEX X 77	
	ARDEX X 56 <sup>†</sup>	✓	✓			ARDEX Abaflex	

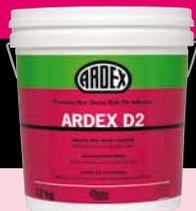
Note: When fixing wall tiles that weigh more than 4kg individually or to a height above 3 metres, refer to ARDEX Technical Services.

\* Wet areas where waterproofing is required.

<sup>†</sup> Excluding fully immersed conditions.

<sup>2</sup> Over membrane, dense tiles are not recommended due to prolonged drying.

# Contact ARDEX Technical Services.



**ARDEX D2**

### Premium Non Slump Wall Tile Adhesive

ARDEX D2 is a premium dispersion adhesive offering superior non slump and shear adhesion characteristics. Use in wet areas\* without compromising adhesion strength over time.

- Superior non slump capability
- Excellent workability
- High flexibility
- Low odour
- Unique formulation for use in wet areas



#### Tile Types

Ceramic tiles, fully vitrified tiles, glass mosaics, porcelain and natural stone (excluding moisture sensitive stone)

#### Substrates

- Cement render, concrete
- Fibre-cement sheet, plasterboard
- ARDEX undertile liquid applied waterproofing membranes\*  
(\*Not suitable for dense tiles over non-absorbent substrates such as waterproofing membranes due to prolonged drying times)

#### Location

Internal  
(Not suitable for floors, shower hobs or continuous immersion applications e.g. swimming pools)

#### Surfaces

Walls

#### Colours

White

#### Coverage

Walls: 9m<sup>2</sup> to 11m<sup>2</sup> per 22kg

#### Pack Sizes

5.5kg, 22kg



**ARDEX D1  
(ABAMASTIC)**

### High Performance Ready Mixed Non Slump Wall Tile Adhesive

A high performance, ready mixed wall tile adhesive with superior flexibility and tenacity. Its non-slip formulation makes it ideal for all types of ceramic tiles.

- Non-slip formula
- Extra long open time
- Low odour



#### Tile Types

Ceramic wall tiles including monocottura, granite, glass mosaics, marble (excluding moisture sensitive stone)

#### Substrates

- Cement render, concrete
- Fibre-cement sheet, plasterboard  
(Not suitable over non-absorbent substrates e.g. waterproofing membranes due to prolonged drying times)

#### Location

Internal  
(Not suitable for floors, shower hobs or continuous immersion applications e.g. swimming pools)

#### Surfaces

Walls

#### Colours

White

#### Coverage

Walls: 11m<sup>2</sup> per 22kg

#### Pack Sizes

22kg



## ARDEX D11 (ABAFIX/FLEXIBLE MULTIPURPOSE)

### Ready Mixed Wall Tile Adhesive

Is a white, ready mixed, thin bed wall tile adhesive for fixing ceramic tiles, marble, granite and mosaics. Extended open time.

- No mixing required
- Accommodates (normal) building movement
- Ideal for translucent tiles



#### Tile Types

Ceramic wall tiles, mosaics, granite, marble (excluding moisture sensitive stone)

#### Substrates

- Cement render, concrete
- Fibre-cement sheet, plasterboard  
*(Not suitable over non-absorbent substrates e.g. waterproofing membranes, due to prolonged drying times)*

#### Location

Internal  
*(Not suitable for floors, shower hobs or continuous immersion applications e.g. swimming pools)*

#### Surfaces

Walls

#### Colours

White

#### Coverage

Walls: 11m<sup>2</sup> per 22.5kg

#### Pack Sizes

6kg, 22.5kg



## ARDEX CA 20P

### Multipurpose Construction Adhesive and Sealant

ARDEX CA20P is a one component, silane modified polymer adhesive and neutral curing sealant which hardens in reaction with moisture. ARDEX CA20P is extremely flexible, with a high initial tack and good bond strength, making it suitable for a wide range of applications.

- Can be used underwater, ideal for minor repair applications
- Extremely versatile – Bonds a wide range of materials including metal, wood, ceramics and plastic
- Can be over painted

#### Tile Types

Various, plus a wide range of other materials

#### Substrates

Include concrete, wall panels, timber, waterproofing membranes, glazed and unglazed ceramic tiles, aluminium, plastics, metal, glass, fibreglass and polystyrene foam.

#### Location

Internal, External  
*(Suitable for immersion applications)*

#### Surfaces

Walls, Floors

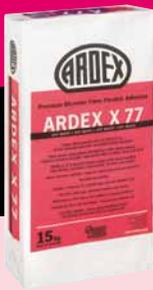
#### Colours

White

#### Pack Sizes

310mL cartridge

NOTE: Coverage is approximate and uses a 6x6x6mm notched trowel for walls and 10x10x10mm for floors.



**MICROTEC**  
TECHNOLOGY

## ARDEX X 77

### Premium Microtec Flexible Wall and Floor Tile Adhesive

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.

- E(E) achieves up to double the extended open time of E class adhesives
- T(T) achieves up to double the slump resistance of T class adhesives
- More secure tiling system with Microtec Technology



#### Tile Types

Fully vitrified and ceramic tiles, porcelain, concrete stone tiles e.g. terrazzo, natural stone (excluding moisture sensitive), glass and porcelain mosaics

#### Substrates

- Concrete, renders, screeds
- ARDEX liquid applied undertile waterproofing membranes
- Fibre-cement sheet, plasterboard
- Existing ceramic tiles
- Autoclaved Aerated Concrete (AAC)
- ARDEX DS40

#### Location

Internal, External  
*(Suitable for swimming pools and immersion applications)*

#### Surfaces

Walls, Floors

#### Colours

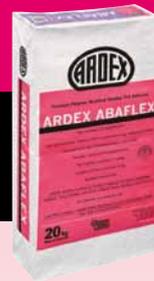
Off White

#### Coverage

Walls: 9m<sup>2</sup> per 15kg, Floors: 6m<sup>2</sup> per 15kg

#### Pack Sizes

15kg



## ARDEX ABAFLEX

### Premium Polymer Modified Flexible Tile Adhesive

Is a high performance, flexible, polymer modified cement-based tile adhesive. Especially suited to high performance situations.

- High performance – use in critical applications e.g. shopping centres
- Flexible – achieves S1 classification
- Fast drying – approx 8 hours
- Use over early age concrete/screed and render



#### Tile Types

Porcelain, mosaics, fully vitrified, ceramic tiles, natural stone (excluding moisture sensitive)

#### Substrates

- Cement render/screeds, concrete
- Fibre-cement sheet, compressed fibre-cement sheet, plasterboard
- Existing ceramic tiles (where glaze is removed)
- ARDEX undertile liquid applied waterproofing membranes

#### Location

Internal, External  
*(Not suitable for swimming pools)*

#### Surfaces

Floors, Walls

#### Colours

Off White

#### Coverage

Walls: 7m<sup>2</sup> per 20kg  
Floors: 5m<sup>2</sup> per 20kg

#### Pack Sizes

20kg



**MPP**

### Multipurpose Adhesive Powder for Wall and Floor Tiles

It is a white, flexible, wall and floor tile adhesive for internal applications. It combines the properties of a mastic adhesive with those of a fast setting cement-based adhesive.

- Fast setting – grout in 4 to 6 hours
- High bond strength
- Flexible – achieves S2 classification



#### Tile Types

Ceramic, fully vitrified, porcelain, mosaics, natural stone (excluding moisture sensitive)

#### Substrates

- Cement render/screeds, concrete, light weight concrete
- Fibre-cement sheet, plasterboard
- Existing ceramic tiles (where glaze is removed)
- ARDEX undertile liquid applied waterproofing membranes

#### Location

Internal

#### Surfaces

Floors, Walls

*(Not suitable for swimming pools)*

#### Colours

White

#### Coverage

Walls: 12m<sup>2</sup> per 20kg

#### Pack Sizes

5kg, 20kg



**ARDEX X10**

### Flexible Non Slump Wall and Floor Tile Adhesive

ARDEX X10 is a white polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic type properties. ARDEX X10 has an extended open time, is non slump and flexible. For use in residential, commercial and industrial applications.



#### Tile Types

Fully vitrified and ceramic tiles, porcelain, concrete stone tiles e.g. terrazzo, natural stone (excluding moisture sensitive), glass and porcelain mosaics.

#### Substrates

- Concrete, renders, screeds
- ARDEX liquid applied undertile waterproofing membranes
- Fibre-cement sheet, plasterboard
- Existing ceramic tiles (where glaze is removed)

#### Location

Internal, External

#### Surfaces

Walls, Floors

*(Not suitable for swimming pools)*

#### Colours

White

#### Coverage

Walls: 8m<sup>2</sup> per 20kg

Floors: 6m<sup>2</sup> per 20kg

#### Pack Sizes

20kg

NOTE: Coverage is approximate and uses a 6x6x6mm notched trowel for walls and 10x10x10mm for floors.



Commitment to  
**Rubber Recycling**



## ARDEX X56

### Highly Flexible Tile Adhesive

A highly flexible tile adhesive that is also fast setting. This makes ARDEX X56 suitable for tiling directly to timber and over heated slabs.

- Highly flexible – achieves S2 classification, tile direct over timber
- Suitable for early age concrete/screeds
- High yield
- Fast drying – 4 hours



### Tile Types

Ceramic, fully vitrified, porcelain, mosaics, natural stone (excluding moisture sensitive)

### Substrates

- Internal timber (particleboard, plywood, mdf, cork) (*priming required with ARDEX Optima or ARDEX P82*) with the exception of unbonded timber. Contact ARDEX for oil rich timbers
- Cement render/screeds, concrete, aerated concrete
- Fibre-cement sheet, plasterboard, compressed fibre-cement sheet
- Existing ceramic tiles (where glaze is removed)
- ARDEX undertile liquid applied waterproofing membranes

### Location

Internal, External (with adequate falls to waste)  
*(Not suitable for swimming pools or commercial floors subject or heavy traffic)*

### Surfaces

Floors, Walls

### Colours

Light Grey

### Coverage

Walls: 12m<sup>2</sup> to 14m<sup>2</sup> per 15kg  
Floors: 8m<sup>2</sup> to 10m<sup>2</sup> per 15kg

### Pack Sizes

4kg, 15kg



Commitment to  
**Rubber Recycling**



## ARDEX X52 (IMPROVED GLUE)

### Economical Flexible Rubber Modified Tile Adhesive

Is an economical rubber modified cement-based adhesive for situations where minimal movement is anticipated.

- Use over early age screed
- Economical
- Flexible – achieves S1 classification
- Fast drying – grout after 6 to 8 hours



### Tile Types

Porcelain, mosaics, fully vitrified, ceramic tiles and natural stone (excluding moisture sensitive stone and translucent tiles)

### Substrates

- Cement render/screeds, concrete
- Fibre-cement sheet, plasterboard
- Compressed fibre-cement sheet
- ARDEX undertile liquid applied waterproofing membranes

*(Not suitable for use directly over timber floors)*

### Location

Internal, External (with satisfactory falls)  
*(Not suitable for continuous immersion applications e.g. swimming pools)*

### Surfaces

Floors, Walls

### Colours

Off White

### Coverage

Walls: 13m<sup>2</sup> to 15m<sup>2</sup> per 20kg  
Floors: 8m<sup>2</sup> to 10m<sup>2</sup> per 20kg

### Pack Sizes

20kg



## ARDEX STS 8

### Superior Tensile Strength Tile Adhesive

ARDEX STS 8 is a high tensile strength tile adhesive for use on walls and floors. Its non lip formulation means the adhesive won't sink with heavy floor tiles.

- No lipping – perfect for porcelain
- High yield – floors 7m<sup>2</sup>, walls 9m<sup>2</sup>
- Non slump – ideal for large tiles
- Improved workability



#### Tile Types

Ceramic tiles, natural stone (excluding moisture sensitive stone), highly vitrified tiles, mosaics, porcelain

#### Substrates

- Cement render/screeds, concrete
- Directly over existing ceramic tiles in internal dry areas, when mixed with ARDEX E 90
- ARDEX undertile liquid applied waterproofing membranes
- For fibre-cement sheet, plasterboard or heated slabs mix with ARDEX E 90

#### Location

Internal, External

*(Mix with ARDEX E 90 when tiling externally. Mix ARDEX STS 8 White and ARDEX E 90 for swimming pools)*

#### Surfaces

Floors, Walls

#### Colours

Off White, White

#### Coverage

Walls: 9m<sup>2</sup> per 20kg

Floors: 7m<sup>2</sup> per 20kg

#### Pack Sizes

20kg



## SUPER TILESET

### Cement-Based Wall and Floor Tile Adhesive

Formulated for fixing most types of tiles, including dense bodied and fully vitrified tiles over sound substrates without the need for polymer additives.

- High bonding strength
- Mix with water
- Extended pot life



#### Tile Types

Ceramic tiles, mosaics, fully vitrified tiles, porcelain and natural stone (excluding moisture sensitive stone)

#### Substrates

- Cement render/screeds, concrete
- Existing ceramic tiles (mechanically remove the glaze)
- ARDEX undertile liquid applied waterproofing membranes

#### Location

Internal, External

*(External areas not subject to movement. Not suitable for swimming pools)*

#### Surfaces

Floors, Walls

#### Colours

Off White

#### Coverage

Walls: 7m<sup>2</sup> per 20kg

Floors: 5m<sup>2</sup> per 20kg

#### Pack Sizes

20kg

NOTE: Coverage is approximate and uses a 6x6x6mm notched trowel for walls and 10x10x10mm for floors.



## ARDEX S 16

### Rapid Hardening and Rapid Drying Tile and Natural Stone Adhesive

Unique ARDEX Rapidry Formula Technology which locks in moisture, thereby reducing the risk of efflorescence and water marks on certain natural stone tiles.

- Rapid drying – grout after 2 to 3 hours
- Reduced risk of water staining – S16W is ideal for translucent marble and natural stone\*
- No lipping of floor tiles



#### Tile Types

Ceramic tiles, natural stone, mosaics, porcelain and fully vitrified tiles

(\*ARDEX S16W can be used for fixing low to medium dimensionally sensitive stone – refer to the ARDEX Natural Stone Range for details)

#### Substrates

- Cement render/screeds, concrete
- Directly over existing ceramic tiles in internal dry areas, when mixed with ARDEX E 90
- For fibre-cement sheet, plasterboard or heated slabs mix with ARDEX E 90

#### Location

Internal

(Not suitable for swimming pools or permanently wet areas)

#### Surfaces

Floors, Walls

#### Colours

S16 – grey, S16W – white

#### Coverage

Walls: 7m<sup>2</sup> per 20kg

Floors: 5m<sup>2</sup> per 20kg

#### Pack Sizes

20kg



## ARDEX QUICKBOND

### Quick Setting Tile Adhesive

Is a fast setting, polymer modified adhesive with extended pot life and workability.

- Fast setting – grout after 2 to 2.5 hours
- Good workability and pot life (approx 1.5 hours)



#### Tile Types

Ceramic tiles, mosaics, fully vitrified tiles, porcelain and natural stone

#### Substrates

- Cement render/screeds, concrete
- Internal existing ceramic tiles (mechanically remove the glaze)
- ARDEX undertile liquid applied waterproofing membranes

(Mix with ARDEX Abalastic when using over heated slabs or when movement is anticipated)

#### Location

Internal, External

(Not suitable for swimming pools)

#### Surfaces

Floors, Walls

#### Colours

Off White

#### Coverage

Floors: 6.5m<sup>2</sup> per 20kg

Walls: 10m<sup>2</sup> per 20kg

#### Pack Sizes

20kg



## ARDEX OPTIMA

### Two Part Premium Tile Adhesive

A premium-grade two part adhesive with exceptional bond. Its unique formula enables ARDEX Optima to be used over a number of difficult to adhere to surfaces.

- Tenacious bonding – tile directly over existing tiles – no grinding back the glaze, no special primers
- Highly water resistant
- High initial grab
- Highly flexible – achieves S2 classification



#### Tile Types

Ceramic, fully vitrified, porcelain, mosaics, natural stone (excluding moisture sensitive)

#### Substrates

- Brick and blockwork
- Tilt up and pre cast concrete
- Cement render/screeds, concrete, aerated concrete
- Fibre-cement sheet, plasterboard
- Directly over existing ceramic tiles
- Butynol and ARDEX undertile liquid applied waterproofing membranes
- Powder coated cladding, galvanised steel
- Roughened fibreglass (not immersed applications)
- Particleboard timber/plywood

#### Location

Internal, External  
*(Suitable for swimming pools and immersion applications)*

#### Surfaces

Floors, Walls

#### Colours

White

#### Coverage

Refer to product data sheet for details

#### Pack Sizes

Mini Kit – 1.7kg liquid, 5kg powder  
Large Kit – 10kg liquid, 6 x 5kg powder

NOTE: Coverage is approximate and uses a 6x6x6mm notched trowel for walls and 10x10x10mm for floors.



## ARDEX ISOFLEX

### Two Part Flexible Underlay/Adhesive for Wall and Floor Tiles

A two part, rubber based wall and floor tile adhesive. It is especially formulated to fix tiles over substrates subject to thermal and shrinkage movement.

- Highly flexible – achieves S2 classification
- 2:1 mixing ratio – easy to measure on site
- Tile directly to timber



#### Tile Types

Ceramic, fully vitrified, porcelain, mosaics, natural stone (excluding moisture sensitive)

#### Substrates

- Internal timber (particleboard, plywood, mdf, cork) *(priming required with ARDEX Optima or ARDEX P82) with the exception of unbonded timber. Contact ARDEX for oil rich timbers*
- Cement render/screeds, concrete, aerated concrete
- Fibre-cement sheet, plasterboard
- Internal existing ceramic tiles, where glaze is removed
- ARDEX undertile liquid applied waterproofing membranes (excluding shower recess floors)

#### Location

Internal, Covered External  
*(Not suitable for swimming pools or commercial floors subject to heavy traffic)*

#### Surfaces

Floors, Walls

#### Colours

Grey

#### Coverage

Refer to product data sheet for details

#### Pack Sizes

20kg liquid/2 x 20kg powder





## ARDEX X23 Relay™ Floor Adhesive System

ARDEX X23 is the first “Floating floor tile system”. The appeal of such a system is that it provides a hard wearing floor surface which at the end of its use can be easily removed. With ARDEX X23 system, the mat is not adhered to the substrate, so the floor tiles can be removed (at the end of the lease period, or when renovating) without damage.

- Remove tiles without damaging substrate
- Isolates base movement with minimal build height
- Grout after 4 hours

### Location

Internal dry areas. Over even concrete substrates. Suitable for use in conjunction with underfloor heating and ARDEX DS40. Suitable for structurally sound timber floors.

### Surfaces

Floors

### Coverage

Liquid:powder, 1:3 ratio

1 x 20L liquid plus 3 x 20kg powder

will cover approx 21m<sup>2</sup>

1 mat will cover 9.4m<sup>2</sup>

*(wastage to be factored in depending on site conditions)*

### Components

ARDEX X23 M (mat), 0.94m x 10m roll

ARDEX Quickbond 20kg (powder)

ARDEX Abalastic 20L (liquid)





**ARDEX E 90**

### **Admix for ARDEX Cement-Based Tile Adhesives**

A special synthetic dispersion additive for use in conjunction with ARDEX cement-based adhesive, such as ARDEX S 16 and ARDEX STS 8.

- Allows direct fixing over existing tiles (in internal dry areas)
- Provides water repellent mortar
- Improves adhesion and imparts flexibility

#### **Substrates**

---

- Fibre-cement sheet, compressed fibre-cement sheet, plasterboard
- Concrete, render, screeds
- Heated concrete slab

#### **Location**

---

Internal, External

#### **Surfaces**

---

Floors, Walls

#### **Colours**

---

White

#### **Pack Sizes**

---

3.6kg, 20kg



**ARDEX ABALASTIC**

### **Liquid Polymer Additive for ARDEX Cement-Based Adhesives and Compounds**

A liquid polymer additive for use with standard grade cement-based adhesives, such as ARDEX Quickbond, to impart flexibility and improved adhesion, water resistance and shear strength.

- Improves adhesion, shear strength
- Imparts flexibility
- Improves water resistance
- May also be used with sand/cement mortar toppings from 10 – 25mm

#### **Substrates**

---

- Cement render/screed, concrete
- Compressed fibre-cement sheet
- Heated concrete slab
- Mix with ARDEX LQ 92 when incorporating heating wires into topping

#### **Location**

---

Internal, External

#### **Surfaces**

---

Floors, Walls

#### **Colours**

---

White

#### **Pack Sizes**

---

20L

# Grout and Silicone





## ARDEX FG 8



## ARDEX FS-DD

### Highly Versatile, Flexible Coloured Grout

A smooth, flexible cement-based grout with improved colour integrity. ARDEX FG 8 is suitable for tile joints 1-8mm wide and is exceptionally easy to use on walls and floors.

- Excellent workability
- Strong uniform colour
- Easier to use
- Smooth finish, flush joints
- Mould resistant and water repellent

#### Joint Width

1mm to 8mm

#### Tile Types

Ceramic and porcelain tiles, terrazzo, slate, quarry tiles, moisture insensitive natural stones and mosaics

#### Location

Internal, External

*(Swimming pools use No. 200 White mixed with ARDEX Grout Booster)*

#### Surfaces

Floors, Walls

#### Colours

Various

#### Coverage

See coverage chart on page 29

#### Pack Sizes

1.5kg, 5kg, 20kg

### Flexible Water Repellent and Dirt Resistant Fine Tile Grout

Non-sanded cement-based, wall and floor grouting compound which is specially designed for polished porcelain to avoid scratching the surface of the tile.

- Water repellent due to special hydrophobing agent
- Dirt resistant – longer lasting new look, as dirt is unable to enter grout
- Contains ARDEX Grout Shield to combat mould growth
- Walk on after 5 hours

#### Joint Width

1mm to 4mm

#### Tile Types

Porcelain, ceramic tiles, terrazzo, slate, quarry tiles, glass and moisture insensitive natural stones

#### Location

Internal, External

#### Surfaces

Floors, Walls

#### Colours

Various

#### Coverage

See coverage chart on page 29

#### Pack Sizes

5kg (1.5kg and 20kg in Ultra White 390 only)



## ARDEX MG

### Rapid Drying Marble and Natural Stone Grout

ARDEX MG is a rapid drying and hardening cement-based grout for use with moisture sensitive natural stone, such as marble. Due to the unique Rapidry Formula Technology, moisture staining on the edges of natural stone is virtually eliminated as all mix water is locked within the grout mortar. This prevents water entering the stone and causing discolouration often found with standard fast drying cement-based grouts.

#### Joint Width

1mm to 8mm

#### Tile Types

Moisture sensitive natural stones

#### Location

Internal

#### Surfaces

Floors, Walls

#### Colours

Various

#### Coverage

See coverage chart on page 29

#### Pack Sizes

5kg



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



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 WJ50

### Non Shrink Coloured Wide Joint Grout

A sanded, cement-based tile grout. It is ideal for use in joint widths 5mm and 15mm wide without shrinking. Exceptionally easy to use and has superior colour consistency.

#### Tile Types

Ceramic tiles, terrazzo, slate, quarry tiles and natural stones (excluding moisture sensitive)

#### Location

Internal, External

*(Swimming pools and timber floors use with undiluted ARDEX Grout Booster)*

#### Surfaces

Floor, Walls

#### Colours

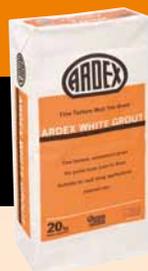
Various

#### Coverage

See coverage chart on page 29

#### Pack Sizes

5kg, 20kg



## ARDEX WHITE GROUT

### Fine Textured Wall Tile Grout

ARDEX White Grout is a fine textured, compressible grout for use on walls only where the tile joint size is between 1mm and 3mm.

- Economical standard grade white grout

#### Joint Width

1mm to 3mm

#### Tile Types

Ceramic tiles, porcelain, glass mosaics

#### Location

Internal

*(Not suitable for swimming pools)*

#### Surfaces

Walls

#### Colours

White

#### Coverage

See coverage chart on page 30

#### Pack Sizes

5kg, 20kg



## ARDEX ABAPOXY

### High Performance Epoxy Adhesive and Grout

A 100% solids, chemical resistant epoxy grout. It is designed for situations requiring strict hygiene standards and high chemical and physical resistance.

- Superior chemical and physical resistance
- Available in Fine and Coarse grades
- Easier to wash off than other 100% solids epoxy grouts
- Solvent free and water wash up

#### Joint Width

Coarse – 3mm to 15mm

Fine – 1.5mm to 15mm

#### Tile Types

All ceramic tiles, porcelain, natural stone  
*(Porous and textured tiles may require special application procedures)*

#### Location

Internal, External\*

Swimming and hydrotherapy pools

*(\*Epoxy grouts are prone to chalking when used externally but performance is not affected)*

#### Surfaces

Walls, Floors

#### Colours

Various

#### Coverage

See coverage chart on page 30

#### Pack Sizes

Mid Size Unit: 4L Part A + 2L Part B + 20kg (fine)  
or 2x20kg (coarse) Part C

Commercial Unit: 20L Part A + 10L Part B +  
5x20kg (fine) or 7x20kg (coarse) Part C



## ARDEX WA

### Easy to Use Epoxy Grout and Adhesive

ARDEX WA is a solvent free, epoxide resin-based grouting compound and thin bed adhesive, for use where chemical resistance is required.

- Suitable for use in swimming pools, showers, bathrooms, shops, abattoirs, dairies, hospitals, hydrotherapy and spa baths, sports centres and other specialised buildings where high standards of hygiene and cleanliness are required
- Easy to use
- Pre-gauged, two part pack for ease of mixing

#### Joint Width

2mm to 15mm

#### Tile Types

Ceramic and porcelain tiles, terrazzo, slate, quarry tiles, glass and moisture insensitive natural stones

#### Location

Internal, External

*(Suitable for use in swimming pools and immersed applications)*

#### Surfaces

Floors, Walls

#### Colours

White, Grey and Black

#### Coverage

see coverage chart on page 30

#### Pack Sizes

Pre-gauged 4kg units



## ARDEX SE

### Silicone for Sanitary Installations

ARDEX SE is an acetoxycuring silicone for applications such as movement joints (between tiles), internal corners (tiled wall and floor) and connecting joints between tiled surface and benchtops, bath edges, cupboards, splashbacks.

- Flexible sealant (up to 25% movement)
- Waterproof – suitable for use in showers
- UV resistant – suitable for internal and external use
- Contains mould inhibitors
- Easy to use and smooth off

#### Joint Width

Max width 30mm, depth 15mm

#### Suitability

ARDEX SE bonds well to ceramic tiles, glass, enamel, anodized aluminium, granite, porcelain, laminated bench tops and sanitary acrylics (Not recommended for other natural stones, e.g. marble, travertine and limestones)

#### Location

Internal, External  
Use ARDEX SE as bond breaker when using with ARDEX waterproof membranes (Not suitable for continuous immersion use e.g. swimming pools)

#### Surfaces

Walls, Floors

#### Colours

Various

#### Coverage

Approximately 12 lineal metres per cartridge with a 5 x 5mm joint size

#### Pack Sizes

310mL cartridge



## ARDEX ST

### Neutral Cure and Non Staining Natural Stone Silicone

ARDEX ST is a unique, neutral curing silicone sealant with good adhesion properties yet is easy to apply and smooth. It is also characterised by its antifungal agents to combat mould growth and its non corrosive properties.

- Ideal for use with sensitive natural stones
- Use in immersed applications, such as swimming pools
- Contains mould inhibitors

#### Joint Width

Up to 30mm wall, up to 15mm floor

#### Suitability

ARDEX ST is ideal for moisture sensitive natural stone prone to staining, such as marble, gneiss, granite, sandstone and limestone. It can also be used on glazed and unglazed tiles, enamel, laminated kitchen benches, aluminium, concrete, glass, porcelain, waterproofing membranes, wood and sanitary acrylics.

#### Location

Internal, External  
(Suitable as a bond breaker under ARDEX waterproof membranes and in immersed applications)

#### Surfaces

Walls, Floors

#### Colours

Various

#### Coverage

Approximately 12 lineal metres per cartridge with a 5 x 5mm joint size

#### Pack Sizes

310mL cartridge



## ARDEX GROUT BOOSTER

### Water-Based Polymer Grout Improver

A water-based, synthetic polymer grout additive specially formulated for use with cement-based grouts. It imparts improved adhesion strength, flexibility and abrasion resistance.

- High grade polymer technology
- Easy to clean formula
- Improved water resistance

#### Location

Internal, External

*(Suitable for swimming pools and timber floors)*

#### Surfaces

Walls, Floors

#### Colours

White

#### Pack Sizes

1L, 4L



## ARDEX SP 1

### Primer for ARDEX Silicone

Use for priming absorbent substrates or joints that will be immersed prior to the application of silicone. Ideal for sealing sensitive natural stones to help prevent the staining of stone edges.

#### Substrates

For absorbent substrates such as concrete, plaster and natural stone

#### Location

Internal, External

#### Surfaces

Walls, Floors

#### Pack Sizes

200mL can



## ARDEX SG

## JOINT DESIGN

### Silicone Smoothing Agent

ARDEX SG is a smoothing agent used with ARDEX silicone sealants. It prevents the silicone from sticking to tools and other surfaces, and helps to achieve smooth professionally finished silicone joints.

- Compatible with ARDEX silicone
- Improves application – ensures perfectly smooth silicone joints
- Assists clean up – prevents silicone adhering to tools and surfaces

### Suitability

ARDEX SG is compatible with ARDEX silicones. Do not apply to joints that are yet to be filled with silicone as it will prevent adhesion. Avoid application on porous tiles and natural stones, as these may stain.

### Pack Sizes

500mL

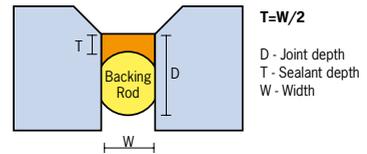
### A Lasting Seal

The function of silicone is to accommodate movement and to do this it needs to expand and contract freely. Proper joint design will ensure the silicone provides a lasting seal.

Make sure:

- The silicone is bound on two sides, not all three
- Do not fill the joint, the thickness of the silicone should be half the joint width
- Maximum joint width is 30mm and thickness 15mm. Minimum is 6mm wide/6mm thick
- A backing rod at the base allows the silicone to move freely and is economical

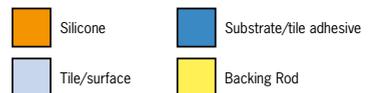
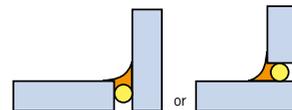
#### Optimum Joint Design



#### Floor Joint



#### Floor to Wall Joint



# CEMENT-BASED GROUTS

Approximate coverage in kg/m<sup>2</sup>. Coverage will vary according to the tile size, joint width and depth, as well as the method of application and on site conditions. Allow an additional 10-15% for wastage.

## ARDEX FG 8

	Joint Width	Tile Size (mm) length×width×depth			
		25×25×4	100×100×8	200×200×8	330×330×9
<b>FG 8</b>	<b>1.5mm</b>	0.96 kg/m <sup>2</sup>	0.48 kg/m <sup>2</sup>	0.24 kg/m <sup>2</sup>	0.16 kg/m <sup>2</sup>
	<b>3.0mm</b>	1.92 kg/m <sup>2</sup>	0.96 kg/m <sup>2</sup>	0.48 kg/m <sup>2</sup>	0.33 kg/m <sup>2</sup>
	<b>5.0mm</b>	3.2 kg/m <sup>2</sup>	1.6 kg/m <sup>2</sup>	0.8 kg/m <sup>2</sup>	0.55 kg/m <sup>2</sup>
	<b>8.0mm</b>	5.12 kg/m <sup>2</sup>	2.56 kg/m <sup>2</sup>	1.28 kg/m <sup>2</sup>	0.87 kg/m <sup>2</sup>

## ARDEX FS-DD

	Joint Width	Tile Size (mm) length×width×depth			
		50×50×5	100×100×5	150×150×5	300×300×5
<b>FS-DD</b>	<b>1.5mm</b>	0.6 kg/m <sup>2</sup>	0.3 kg/m <sup>2</sup>	0.2 kg/m <sup>2</sup>	0.1 kg/m <sup>2</sup>
	<b>3.0mm</b>	1.2 kg/m <sup>2</sup>	0.6 kg/m <sup>2</sup>	0.4 kg/m <sup>2</sup>	0.2 kg/m <sup>2</sup>

## ARDEX MG

	Joint Width	Tile Size (mm) length×width×depth			
		50×50×5	100×100×5	150×150×5	300×300×5
<b>MG</b>	<b>3.0mm</b>	0.9 kg/m <sup>2</sup>	0.5 kg/m <sup>2</sup>	0.3 kg/m <sup>2</sup>	0.2 kg/m <sup>2</sup>
	<b>5.0mm</b>	1.5 kg/m <sup>2</sup>	0.8 kg/m <sup>2</sup>	0.5 kg/m <sup>2</sup>	0.3 kg/m <sup>2</sup>

## ARDEX WJ 50

	Joint Width	Tile Size (mm) length×width×depth				
		200×200×10	300×300×10	400×400×10	500×500×10	600×600×10
<b>Wide Joint</b>	<b>8.0mm</b>	1.6 kg/m <sup>2</sup>	1.0 kg/m <sup>2</sup>	0.8 kg/m <sup>2</sup>	0.6 kg/m <sup>2</sup>	0.5 kg/m <sup>2</sup>
	<b>10.0mm</b>	2.0 kg/m <sup>2</sup>	1.3 kg/m <sup>2</sup>	1.0 kg/m <sup>2</sup>	0.8 kg/m <sup>2</sup>	0.7 kg/m <sup>2</sup>
	<b>15.0mm</b>	2.9 kg/m <sup>2</sup>	2.0 kg/m <sup>2</sup>	1.5 kg/m <sup>2</sup>	1.2 kg/m <sup>2</sup>	1.0 kg/m <sup>2</sup>
	<b>20.0mm</b>	3.9 kg/m <sup>2</sup>	2.6 kg/m <sup>2</sup>	2.0 kg/m <sup>2</sup>	1.6 kg/m <sup>2</sup>	1.3 kg/m <sup>2</sup>

# CEMENT-BASED/EPOXY GROUTS

## ARDEX White Grout

	Joint Width	Tile Size (mm) length×width×depth			
		25×25×4	100×100×8	200×200×8	330×330×9
White Grout	1.5mm	0.86 kg/m <sup>2</sup>	0.43 kg/m <sup>2</sup>	0.22 kg/m <sup>2</sup>	0.15 kg/m <sup>2</sup>
	3.0mm	1.7 kg/m <sup>2</sup>	0.86 kg/m <sup>2</sup>	0.43 kg/m <sup>2</sup>	0.3 kg/m <sup>2</sup>

## ARDEX WA

Joint Width	Tile Size (mm) length×width×depth			
	50×50×5	100×100×5	150×150×5	300×300×5
3.0mm	0.9 kg/m <sup>2</sup>	0.45 kg/m <sup>2</sup>	0.3 kg/m <sup>2</sup>	0.15 kg/m <sup>2</sup>
5.0mm	1.5 kg/m <sup>2</sup>	0.75 kg/m <sup>2</sup>	0.5 kg/m <sup>2</sup>	0.25 kg/m <sup>2</sup>

Approximate ARDEX Abapoxy coverage in m<sup>2</sup> (20% wastage allowance).

## ARDEX Abapoxy Fine

Joint Width	Packaging Size	Tile Size (mm) length×width×depth		
		150×150×6	200×200×8	330×330×9
2.0mm	Mid Size Kit	68.0 m <sup>2</sup>	68.0 m <sup>2</sup>	100.0 m <sup>2</sup>
	Commercial Kit	343.0 m <sup>2</sup>	343.0 m <sup>2</sup>	500.0 m <sup>2</sup>
5.0mm	Mid Size Kit	27.0 m <sup>2</sup>	27.0 m <sup>2</sup>	40.0 m <sup>2</sup>
	Commercial Kit	135.0 m <sup>2</sup>	135.0 m <sup>2</sup>	200.0 m <sup>2</sup>
10.0mm	Mid Size Kit	13.0 m <sup>2</sup>	13.0 m <sup>2</sup>	20.0 m <sup>2</sup>
	Commercial Kit	65.0 m <sup>2</sup>	65.0 m <sup>2</sup>	100.0 m <sup>2</sup>

## ARDEX Abapoxy Coarse

Joint Width	Packaging Size	Tile Size (mm) length×width×depth		
		150×150×6	300×300×16	330×330×9
3.0mm	Mid Size Kit	56.0 m <sup>2</sup>	42.0 m <sup>2</sup>	83.0 m <sup>2</sup>
	Commercial Kit	284.0 m <sup>2</sup>	212.0 m <sup>2</sup>	415.0 m <sup>2</sup>
8.0mm	Mid Size Kit	21.0 m <sup>2</sup>	16.0 m <sup>2</sup>	31.0 m <sup>2</sup>
	Commercial Kit	106.0 m <sup>2</sup>	80.0 m <sup>2</sup>	155.0 m <sup>2</sup>
12.0mm	Mid Size Kit	14.0 m <sup>2</sup>	10.5 m <sup>2</sup>	20.0 m <sup>2</sup>
	Commercial Kit	71.0 m <sup>2</sup>	53.0 m <sup>2</sup>	104.0 m <sup>2</sup>



252 Pewter Blue



LOW VOC

# ARDEX FG8

Highly Verstaile, Flexible Coloured



229 Buff



LOW VOC

# ARDEX FG8

Highly Verstaile, Flexible Coloured



288 Macchiato



LOW VOC

# ARDEX FG8

Highly Verstaile, Flexible Coloured



210 Mocha



LOW VOC

# ARDEX FG8

Highly Verstaile, Flexible Coloured

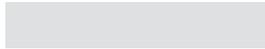


## ARDEX MG

Unique Rapidry Formula Technology grout, ideal for grouting moisture sensitive natural stone.



White



Silver Grey



Sand Beige



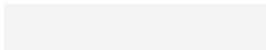
Jura Beige



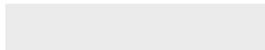
Anthracite

## ARDEX WJ 50

Sanded, cement-based grout for walls and floors. Tile joints 5mm to 15mm.



514 Off White



501 Light Grey



502 Sand Beige



503 Mid Grey



504 Neutral



505 Charcoal

## ARDEX WA

Easy to use epoxy grout for areas with strict hygiene requirements. Superior chemical and physical resistance.



White



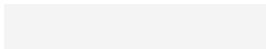
Grey



Black

## ARDEX ABAPOXY

A true epoxy – 100% solids epoxy grout for superior chemical, stain and physical resistance. Ideal for strict hygiene areas.



Off White



Misty Grey



Midnight



Light Beige



Slate Grey

NOTE: Colours on this page are indicative and limited by the print process.

## ARDEX SE

Easy to apply, acetic silicone for the perfect seal.



Travertine



Alabaster



Midnight



Slate Grey



Todd River Sand



Buff



Ultra White



Charred Ash



Misty Grey



Havana



Mudberry



Magellan Grey

## ARDEX ST

Neutral cure silicone ideal for non-staining of natural stones and underwater joints.



Ultra White



Travertine



Misty Grey



Alabaster



Slate Grey



Charred Ash



Sand Beige



Clear



# Surface Preparation



## ARDEX MULTIPRIME

### Water-Based Primer

ARDEX Multiprime is a water-based primer for improving adhesion of ARDEX products to various porous substrates.

- Water-based – no solvent hazard
- Quick drying
- Improves adhesion

#### Substrates

- Fibre-cement sheet
- Concrete, render, screeds
- Masonry and lightweight concrete blocks
- Marine plywood
- Particleboard

#### Location

Internal, External

#### Surfaces

Floors, Walls

#### Colours

White

#### Coverage

Approx 6m<sup>2</sup> per litre

#### Pack Sizes

1L, 4L, 20L



## ARDEX P 82

### Non Porous Substrate Primer

ARDEX P 82 is a water-based two component synthetic resin primer and bonding agent for use prior to the application of ARDEX tile adhesives on dense and smooth substrates.

#### Substrates

Non porous concrete, sealed concrete, ceramic tiles, mosaic, terrazzo, wood and metal surfaces, plastic coatings and paints

#### Location

Dry Internal

#### Surfaces

Floors, Walls

#### Colours

Pink liquid and white liquid

#### Coverage

5-10m<sup>2</sup> per litre

#### Pack Sizes

2kg or 8kg kit



## ARDEX ABACRETE

### Bonding Agent for use with Sand/ Cement Screeds and Renders

A bonding agent designed to improve shear and tensile bond strength of sand/cement screeds, renders and ARDEX's standard cement-based adhesives.

- Liquid polymer additive improves bond strength and adhesion to low absorption tiles
- Improves water resistance
- Accommodates thermal movement
- Non toxic/non flammable

#### Substrates

---

- Concrete
- Cement render and screed, brickwork

#### Location

---

Internal, External

#### Surfaces

---

Floors, Walls

#### Colours

---

White

#### Coverage

---

20L unit covers approx 100m<sup>2</sup> as a slurry coat; 9m<sup>2</sup> for screed; 10m<sup>2</sup> for render coats

#### Pack Sizes

---

20L



## ARDEX DS 40

### Impact Sound Reduction and Decoupling System

ARDEX DS 40 is an acoustic mat designed to effectively reduce impact sound. ARDEX DS 40 can be installed onto various substrates prior to the direct application of tiles, slabs, natural stone and concrete pavers.

- Provides crack bridging function
- Pre-cut mats – simplify handling and installation
- Low build height – minimum of 4.5mm
- Tile over directly with ARDEX adhesives

#### Substrates

---

- Concrete, sand/cement screed
- Heated screeds
- Dry screed systems
- Wooden floors and wooden particleboard
- Old tiles and slabs

#### Location

---

Internal

*(For external applications contact ARDEX Australia)*

#### Surfaces

---

Floors

#### Colours

---

Blue

#### Coverage

---

Approx 0.375m<sup>2</sup>/mat

#### Mat Size

---

750mm x 500mm x 4.5mm

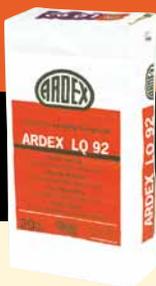
#### Pack Size

---

Cartons of 10  
Pallets of 300

# Floor Levelling





## ARDEX LQ 92

### Undertile Levelling Compound

ARDEX LQ 92 is a cement-based underlay for levelling uneven concrete floors prior to tiling. Not recommended for use under vinyl coverings.

- Self smoothing
- Polymer modified – apply from feather edge to 10mm
- Early walkability – tile over after approx 4 hours
- Suitable for use with underfloor heating
- May be mixed with ARDEX Abalastic liquid when incorporating heating wires.

### Bed Thickness

- 10mm down to feather edge
- For thicknesses over 10mm and up to 25mm, mix with 2mm – 5mm aggregate

### Substrates

Concrete

### Location

Internal

External (not subject to freeze/thaw)

### Surfaces

Floors

### Colours

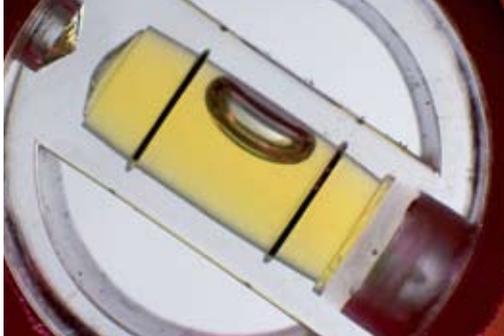
Grey

### Coverage

20kg unit covers approx 3.8m<sup>2</sup> at 3mm;  
2.9m<sup>2</sup> at 4mm bed thickness

### Pack Sizes

20kg



Keep large tiles  
on the level?  
ARDEX LQ 92 does.

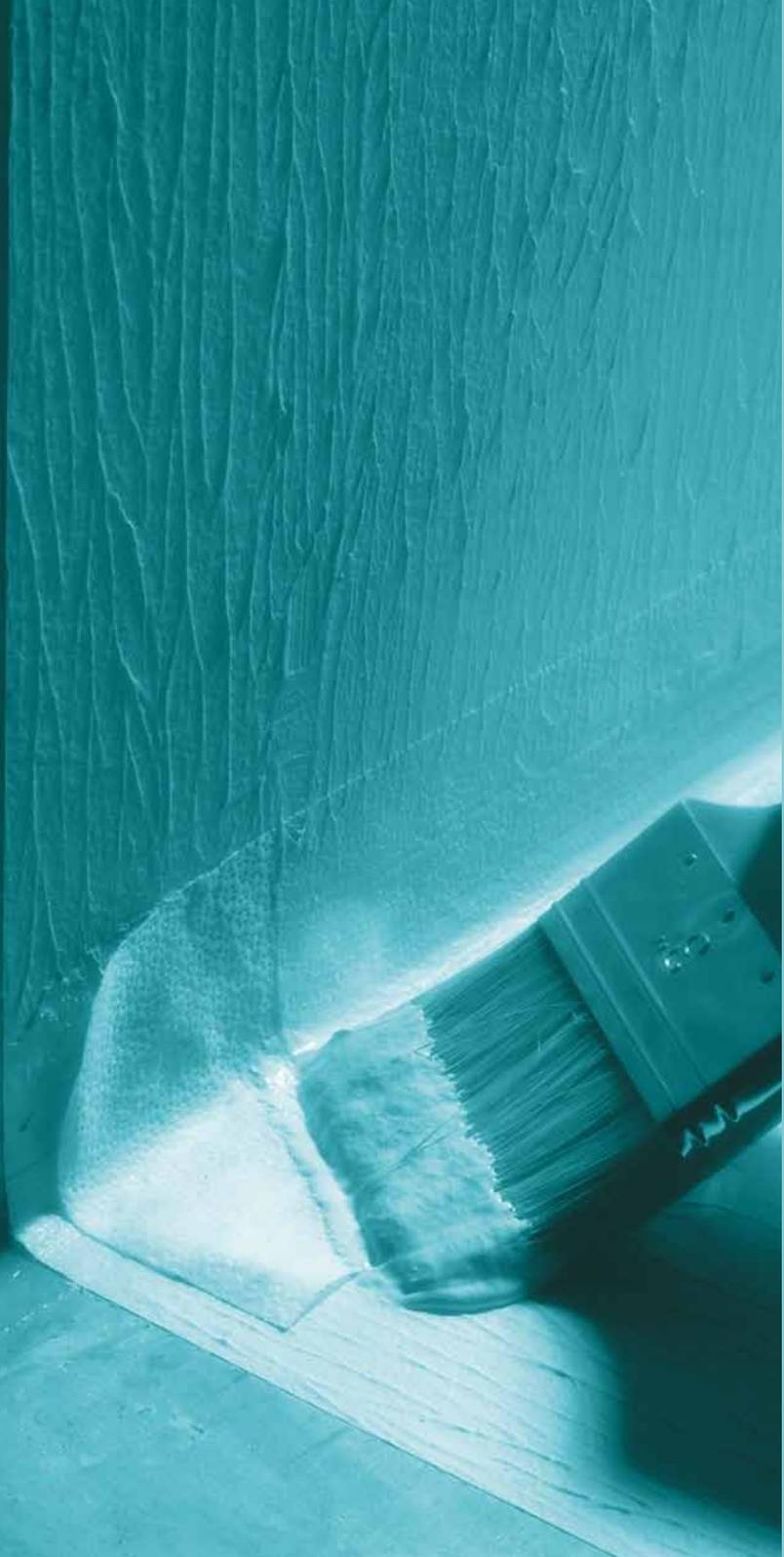
### ARDEX LQ92

Cement-based levelling compound

- Tile after 4 hours
- Self smoothing
- Feather edge to 10mm
- Suitable for underfloor heating



# Waterproofing





## SUPERFLEX WPM 001 Premixed Bathroom and Balcony

### Single Component Undertile Waterproofing Membrane

A tough, ready to use waterproofing membrane specially designed for use under tiles.

- CSIRO Appraisal # 91
- Advanced acrylic polymers – will not re-emulsify
- Compatible with ARDEX tile adhesives
- Fibre reinforced – no need for reinforcing mat
- Low VOC content – meets Green Building Council of Australia Green Star IEQ-13 requirements

#### Substrates

- Concrete, renders and screeds
- Wet area compatible fibre-cement sheet, plywood and plasterboard

#### Location

Internal wet areas, balconies and other areas that will be tiled or protected from regular foot traffic

#### Surfaces

Floors, Walls

#### Colours

Blue viscous paste

#### Coverage

One 20kg unit covers approx 7.5m<sup>2</sup> to 15m<sup>2</sup>  
(2 coats)

#### Pack Sizes

6.5kg, 20kg



## SUPERFLEX WPM 002 Two Part Bathroom and Balcony

### Two Component Undertile Waterproofing Membrane

A rapid drying, two part waterproofing membrane specially designed for use under tiles.

- Advanced acrylic polymers – will not re-emulsify
- Rapid drying time, normally ready to tile in 16-24 hours.
- Class III two component cementitious membrane that conforms to AS4858:2004 Wet Area Membrane (Ref: CSIRO Report 3879)
- Compatible with ARDEX tile adhesives
- Fibre reinforced – no need for reinforcing mat
- Low VOC content – meets Green Building Council of Australia Green Star IEQ-13 requirements

#### Substrates

- Concrete, renders and screeds
- Wet area compatible fibre-cement sheet, plywood and plasterboard

#### Location

Internal wet areas, balconies and other areas that will be tiled or protected from regular foot traffic. Suitable for permanent immersion

#### Surfaces

Floors, Walls

#### Colours

Liquid – White  
Powder – Off white

#### Coverage

40kg unit covers approx 16m<sup>2</sup> to 24m<sup>2</sup> (2 coats)

#### Pack Sizes

20kg liquid / 2 x 10kg powder



## ARDEX WPM 155

### Modified Polyurethane Membrane

Water-based, modified polyurethane waterproofing membrane developed for high performance undertile waterproofing.

- UV stable when left exposed – non trafficable
- Excellent adhesion with ARDEX tile adhesives
- Great film build – easy to gauge thickness
- Compatible with ARDEX tile adhesives

### Substrates

Concrete, renders, screeds, fibre-cement sheet, plasterboard, internal structural plywood

### Location

Internal, External

### Surfaces

Floors, Walls

### Colours

Blue Grey

### Coverage

Approx 8.5m<sup>2</sup> on floors with 1.0mm thickness;  
approx 17m<sup>2</sup> on walls with 0.5mm thickness

### Pack Sizes

5.3kg, 20kg



## The other choice for waterproofing



## ARDEX WPM 155

### Modified Polyurethane Waterproof Membrane

- Fast Drying - tile the next day
- UV stable when left exposed (non trafficable)
- Excellent Workability - can apply membrane quicker
- Great Film Build - easy to gauge thickness
- Can be tiled over - good adhesion with ARDEX tile adhesives
- Low VOC - Green Building Council of Australia approved

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**HYDREPOXY WPM 300**



**SUPERFLEX WPM 265**

## Water-Based Epoxy Membrane

Designed as a sealer and barrier coat, ARDEX WPM 300 allows building materials to be applied over problem surfaces with minimum delay.

### Benefits

Ideal over green concrete or wet/damp surfaces prior to application of tile adhesives, levelling compounds and waterproofing membranes

- Non-flammable and negligible odour
- Prevents efflorescence
- Easy mix ratio 1:1
- Prevents rising damp
- Easy clean-up using water

### Substrates

Concrete, screeds, renders, brick and masonry

### Location

Internal, External

*(Use cement-based adhesives over ARDEX WPM 300)*

### Surfaces

Floors, Walls

### Colours

Grey

### Coverage

3m<sup>2</sup> per litre per coat

### Pack Sizes

4L kit, 20L kit

## General Purpose Water-Based Primer

A red water-based acrylic primer designed to seal porous substrates and enhance the adhesion of subsequent Superflex membranes.

- Water-based
- Penetrating
- Suitable for most substrates
- Coloured – primed surfaces are easily identified

### Substrates

Wet area grade fibre-cement sheet and particleboard, marine plywood, concrete, renders and screeds, masonry/concrete blocks

### Location

Internal, External

### Surfaces

Floors, Walls

### Colours

Red

### Coverage

One litre will cover approx 6m<sup>2</sup>

### Pack Sizes

20L



# Technical Information

ARDEX is committed to being the leading provider of technical support in the field. We believe our responsibility does not end with the manufacture of innovative, technically superior products. Therefore, our team of technical advisers works with contractors and specifiers, as well as with the ARDEX R&D team to provide solutions for specific applications. Some of these common solutions are published in ARDEX Technical Bulletins which are available on request. Some example includes:

- Tiling over timber
- Tiling with underfloor heating systems
- Fixing moisture sensitive stone

Contact us 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

Email: [techinfo@ardexaustralia.com](mailto:techinfo@ardexaustralia.com)



**SYSTEMARDEX**  
PREMIUM PERFORMANCE

The aim of the system is to provide a guideline for tile adhesive performance. The standard provides parameters for which tile adhesives are tested to, depending on their performance they can be granted specific classifications.

Firstly, tile adhesives are defined in three types, these are:

**C** – Cementitious adhesive

**D** – Dispersion adhesive

**R** – Reaction adhesive

Each type of adhesive can potentially have additional characteristics, which fall under the following classes:

**1** – Normal adhesive (standard strength tile adhesive)

**2** – Improved adhesive (stronger tile adhesive)

**F** – Fast setting/drying adhesive (quicker setting of the adhesive allowing for earlier grouting)

**T** – Slip resistant adhesive (no slipping of wall tiles)

**E** – Adhesive with extended open time (once spread, the adhesive can be left without a tile being fixed for a longer time)

**S** – Special deformable characteristic, for cementitious adhesives only (degree of flexibility of the adhesive, either S1 - flexible or S2 - highly flexible)

Each adhesive can therefore be classified under one of the following designations in the table.

ADHESIVE TYPE	CLASS/ CHARACTERISTICS	DESCRIPTION
<b>C1</b>		Normal cementitious adhesive
<b>C1</b>	F	Fast setting cementitious adhesive
<b>C1</b>	T	Normal cementitious adhesive with slip resistance
<b>C1</b>	FT	Fast setting cementitious adhesive with slip resistance
<b>C2</b>		Cementitious adhesive with improved characteristics
<b>C2</b>	E	Cementitious adhesive with improved characteristics and extended open time
<b>C2</b>	F	Fast setting cementitious adhesive with improved characteristics
<b>C2</b>	T	Cementitious adhesive with improved characteristics and slip resistance
<b>C2</b>	TE	Cementitious adhesive with improved characteristics, slip resistance and extended open time
<b>C2</b>	FT	Fast setting cementitious adhesive with improved characteristics and slip resistance
<b>D1</b>		Normal dispersion adhesive
<b>D1</b>	T	Normal dispersion adhesive with slip resistance
<b>D2</b>		Dispersion adhesive with improved characteristics
<b>D2</b>	F	Fast drying dispersion adhesive with improved characteristics
<b>D2</b>	T	Dispersion adhesive with improved characteristics and slip resistance
<b>D2</b>	TE	Dispersion adhesive with improved characteristics, slip resistance and extended open time
<b>R1</b>		Normal reaction resin adhesive
<b>R1</b>	T	Normal reaction resin adhesive with slip resistance
<b>R2</b>		Reaction resin adhesive with improved characteristics
<b>R2</b>	T	Reaction resin adhesive with improved characteristics and slip resistance

Note additional designations may be inserted according to the combination of the different symbols of the characteristics, e.g. C2 FTE S1 fast setting deformable cementitious adhesive with improved characteristics, slip resistance and extended open time.

Some ARDEX adhesives, such as ARDEX X77, exceed the above standard classifications and have achieved unique classifications. These have been independently tested by MPA Dortmund, Germany and are highlighted below.

E(E) – double the open time of standard E type adhesives

T(T) – double the slip resistance of standard T type adhesives

## IMPORTANCE OF SUBSTRATE PREPARATION

Each substrate is prepared in its own way; this is because every substrate has different properties that need to be considered. For example, timber has a high degree of movement and hence a highly flexible adhesive is needed.

In general, we prepare the substrate *to ensure a good bond between the tile and the substrate is achieved.*

Basic Requirements of the surface,

- Must be clean and free from dirt, dust, oil, grease, laitance, paint, old adhesive and other materials that can cause a barrier to adhesion
- Structurally sound and strong enough to support the weight of the tiles being fixed
- Ensure surfaces are dry before tiling with no residue or permanent damp
- The substrate required drying time is allowed to lapse, as per Australian Standards
- Prime porous substrates

Substrate preparation is critical to the performance of the whole system, bad preparation is one of the main reasons for tiling system failures.

## WARRANTY AND QUALITY ASSURANCE

ARDEX products are generally warranted for 10 years when installed to relevant Australian Standards and applicable ARDEX specification, technical data sheet and instruction for application and use. While we assure customers of the high standard and quality of our products and services, we accept no liability for any loss or damage which arises from particular site conditions, poor handling and storage, or installation by unqualified and unskilled applicators.



### Quality System Standard

All of our products are manufactured and tested to ARDEX procedures which are maintained in accordance with Quality System Standard ISO 9001.

## DISCLAIMER

The technical details, recommendations and other information contained in this catalogue are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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## ONGOING PROFESSIONAL DEVELOPMENT

Our industry, like any other, requires ongoing training to keep up with the changes in both the materials (tiles, concrete, substrates etc), and standards/legislation.

For tilers committed to providing a high level of workmanship, ARDEX can help you stay up to date, and increase both your professionalism and productivity.

ARDEX workshops are designed to give you **hands on** experience in addition to the theory.

These workshops cover:

- Application fundamentals e.g. undertile waterproofing, substrate preparation, and the relevant Australian Standard
- Useful tips – simplifying the installation process
- New materials/trends and the implication on fixing
- Getting the most out of new adhesives and grouts

**Contact your local ARDEX office for information on up coming workshops.**



## **AUSTRALIA**

**[www.ardexaustralia.com](http://www.ardexaustralia.com)**

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Victoria/Tasmania	Ph (03) 9308 9255	Fax (03) 9308 9332
South Australia	Ph (08) 8268 2511	Fax (08) 8345 3207
Western Australia	Ph (08) 9256 8600	Fax (08) 9455 1227

## **NEW ZEALAND**

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