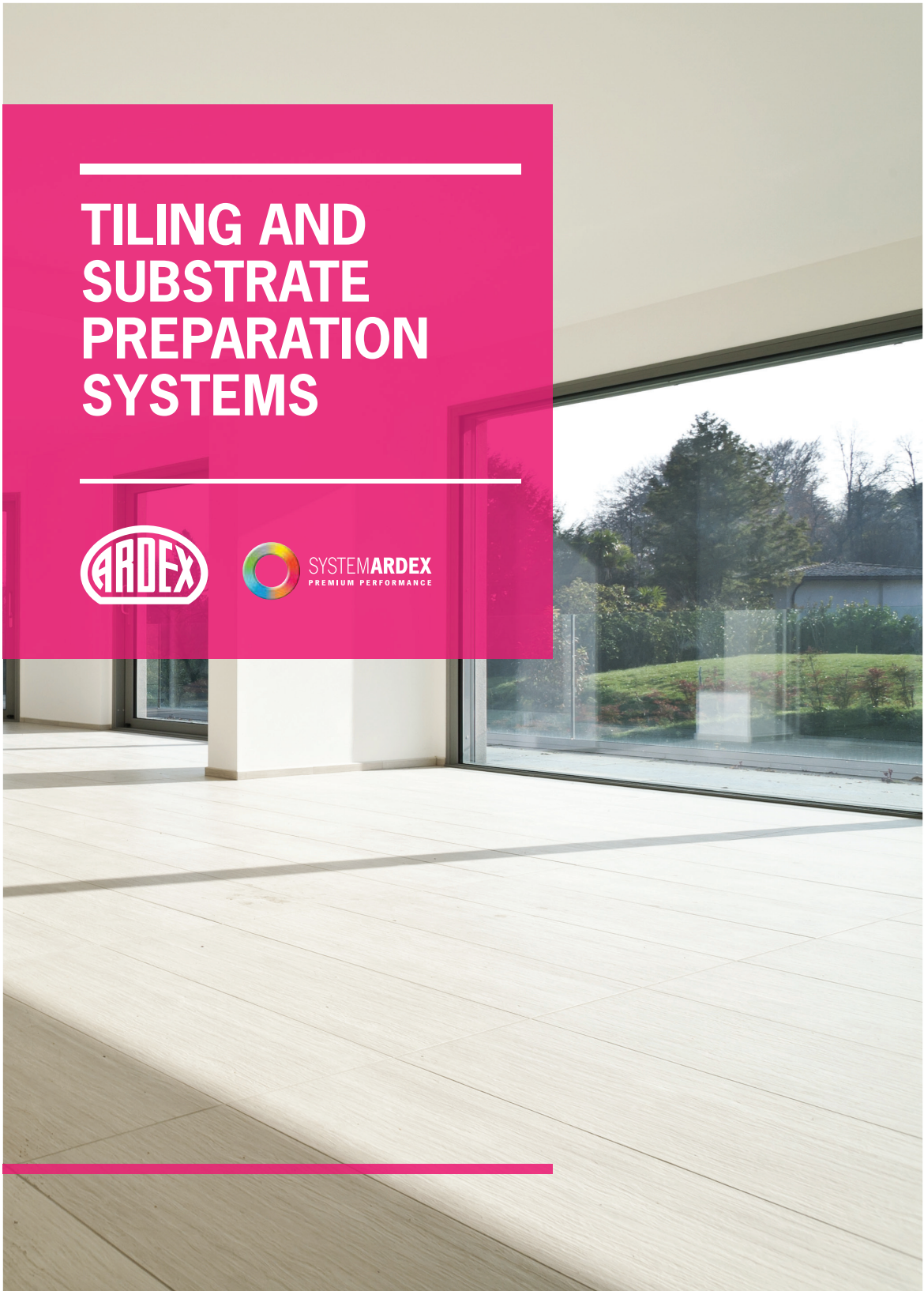

TILING AND SUBSTRATE PREPARATION SYSTEMS



SYSTEMARDEX
PREMIUM PERFORMANCE



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ARDEX HAS A HISTORY
OF BREAKTHROUGH
INNOVATIONS, WHICH
HAVE CHANGED THE
INDUSTRY.

THIS IS ARDEX

For more than 60 years, ARDEX has been the quality leader for an entire industry. ARDEX specialises in high quality construction materials for substrate preparation, floor levelling, waterproofing and the fixing and grouting of surface materials.

When it comes to floor levelling and adhesives, waterproofing membranes and decorative finishes, ARDEX is the brand of choice for installers and wholesalers.

ARDEX is an independent family-owned business, which means that in our permanent efforts to achieve market-shaping innovations, we are able to retain our most important tradition: uncompromising quality.

Strong internal growth and intelligent acquisitions in foreign markets have put the ARDEX Group on the map with 49 subsidiaries, and over 2700 employees in over 50 countries. It's no coincidence ARDEX is regarded as the premium partner in the building chemicals sector.





INNOVATION

Since it was founded in 1949, ARDEX has been known all over the globe as an innovation leader for specialist building products. As the inventors of self-levelling and smoothing compounds, ARDEX has a history of breakthrough innovations, that have driven and changed the market.

ARDEX products including Arditec, K 15, Abaflex, FG 8 Grout and WeldTec are firmly established as benchmarks for use worldwide.

The heart of ARDEX product development is the central laboratory in Witten, Germany. The lab partners with centres of excellence around the world to ensure the consistent quality of the products and maximum responsiveness to local market needs.

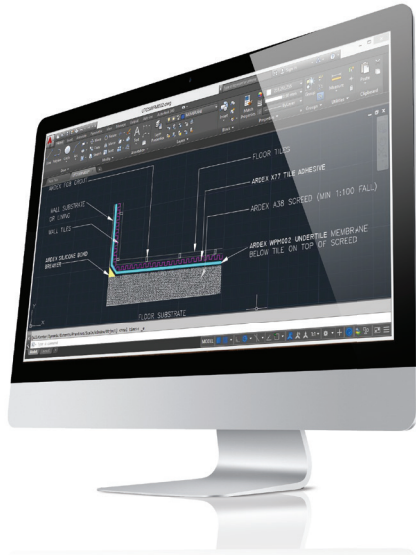
Innovation at ARDEX is not confined to research and development. It is an organic system comprising cutting-edge customer insight research, close cooperation with associations and universities, and strong interaction between sales, marketing, technical service and purchasing.

SYSTEM ARDEX

ARDEX is committed to developing products that are easy to use and offer high performance. Each product is the careful result of research and development combined with the input of contractors and installers to ensure absolute product compatibility.


Our systematic global Stage Gate Process for the introduction of new products is designed to optimise speed to market as well as to ensure superior quality and reliability for our customers. On-site product testing is an integral part of that process.

ARDEX products, systems and services are designed to ensure professional contractors the competitive advantage of a lower total cost of installation through superior performance.



As a longstanding partner to trade, we know the practical requirements first-hand. Our vast experience with materials and working methods and our constant dialogue with customers in the skilled trades are our most important source of inspiration. We draw on this to develop product systems that command respect in the market place. Our systems are optimally matched and extremely cost-effective thanks to their ease and speed of processing and high coverage.





ARDEX IS THE BRAND OF
CHOICE FOR SPECIFIERS
AND INSTALLERS GLOBALLY

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 cover only the replacement of the defective product. That is further reduced through a discounting structure based on years of service prior to the claim. And usually, no cover is provided for the costs incurred in removing the defective product and installing the replacement product.



An ARDEX warranty covers:

- The costs of repair to which the product is applied and damaged by removal of the defective product where such proves necessary.
- The cost of reinstating or repairing the product or system including material costs of equal or equivalent products.
- The costs of rectifying any material covering the product.

ARDEX warranty claims are NOT discounted by years of service of defective products or any damage to the surface or material.

The System ARDEX Warranty is project specific and warrants that the System ARDEX combination of products that forms the total system are free from defects, are 100% compatible and the system combination is suitable for the purpose intended.



TRAINING

Our industry, like any other, requires on-going training to keep up with changes in legislation, standards and materials. ARDEX offers training for both the applicator as well as staff.

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.

Training courses offered by ARDEX:

- CPD seminars for specifiers
- ARDEX under-tile liquid waterproofing accreditation training
- ARDEX floor levelling training
- ARDEX WeldTec Membrane training
- ARDEX exterior waterproofing training Butynol, TPO and Torch On
- ARDEX retail tile training

In order to encourage information exchange and creativity across borders, ARDEX strongly supports international career paths. We realise that we need the most talented people to maintain and extend our innovation leadership.

SUSTAINABILITY

Sustainability is one of the defining issues of our time. Climate change and the global financial crisis have driven home the consequences of short-term goal action. Sustainable operations shape the future through environmental protection and sparing use of economic resources.



At ARDEX, we see ecology and economy as two sides of the same coin. We set the bar high with products that are not only easy to work but also go a long way. It's our answer to preserving the planet for the future, and providing value for money.

- High-coverage ARDEX products let you take care of large surface areas with a minimum of material, which cuts down on processing, transport and waste packaging.
- Ultra-fast, easy-to-use ARDEX products allow you to complete projects quickly. This protects the environment by reducing trips back and forth to the building site.
- High-quality ARDEX sub-floor smoothing compounds deliver extremely even surfaces, which means far less adhesive is required to affix the flooring.
- The extraordinarily long life of all ARDEX products helps save resources.
- ARDEX products designed for renovating existing buildings help reduce the strain on the environment, as refurbishment consumes far fewer resources than new build.
- Made from carefully selected raw materials, virtually all ARDEX products are 100% recyclable.

SUPPORT SERVICES

The ARDEX support team is dedicated to eliminating guesswork, improving on site efficiencies and taking the risk out of product and system installation.

For information on products, field support, customer service, training products or product demonstrations please contact us:

0800 2 ARDEX

www.ardex.co.nz

Also visit our Facebook and Youtube pages for product news and updates, introduction to new products and access to our extensive video library.

 **www.facebook.com/ARDEXNZ/**

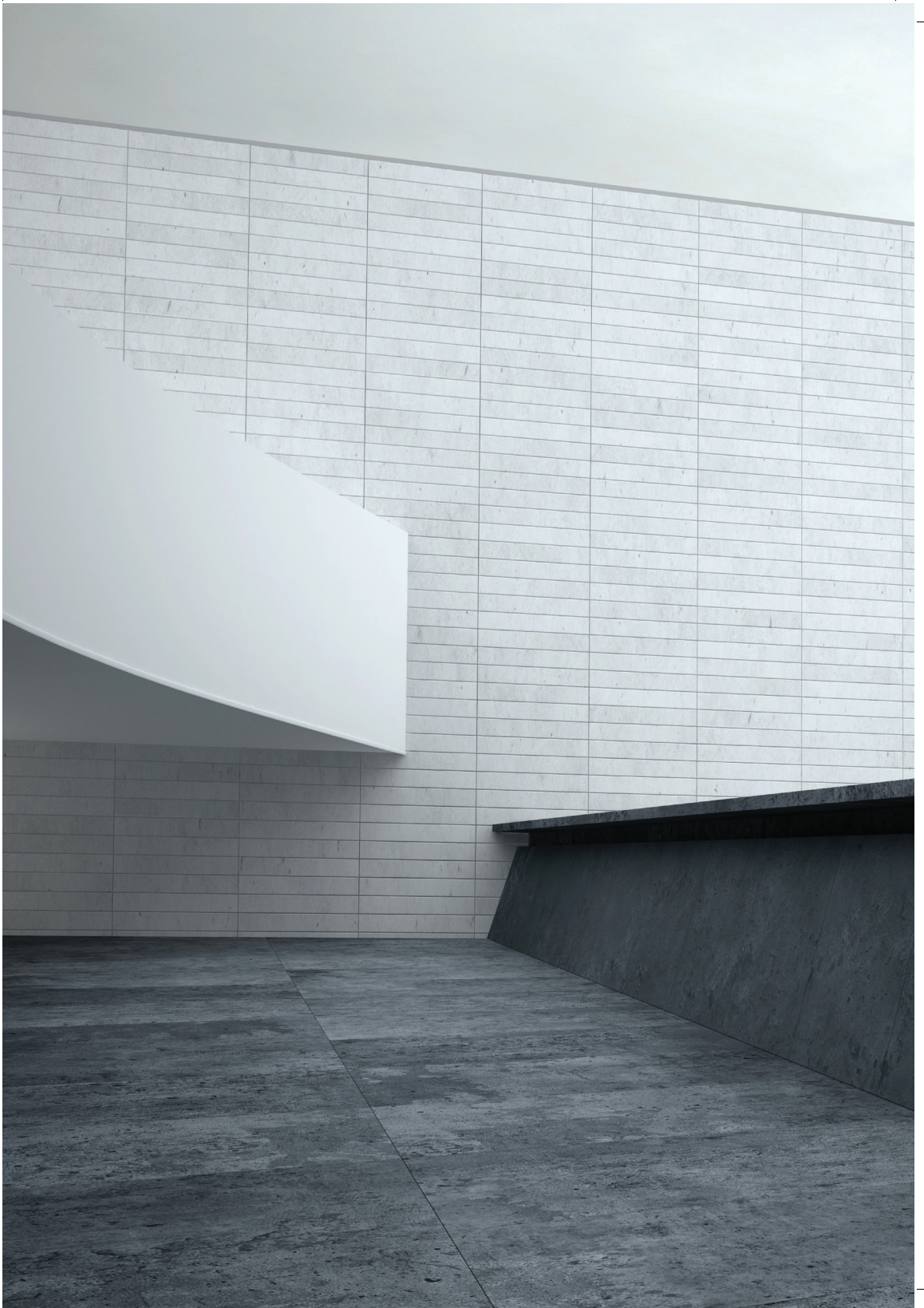
 **www.youtube.com/ardexaustralia**



The ARDEX app is an optimised version of the website and hosts a variety of helpful features in the palm of your hand.

Just search for "ARDEX New Zealand" in either the Apple App Store or the Google Play store. Alternatively, just scan the QR code below to download.







PRODUCT INFORMATION

ARDEX is committed to Rubber Recycling by utilising recycled rubber in place of sand for manufacturing a range of products. 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 sand per year.

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 VOC table highlights currently approved products.



Commitment to
Rubber Recycling



MICROTEC technology is a unique binding matrix made up of exclusive ARDEX materials, special cements and polymers combined with high performance fibres which improves strength, reduces the effect of shear strain and stress on the flooring system.

VOC TESTED

TILE ADHESIVES

ARDEX X 77

ARDEX D 2

ARDEX X 10

ARDEX X 18

ARDEX MPP

ARDEX X 56

ARDEX X 52

ARDEX QUICKBOND

ARDEX OPTIMA

S 28 NEU

E 90

ABAPLASTIC

WATERPROOFING PRODUCTS

WPM 155

WPM 001

WPM 002

WPM 750

WPM 1000

WPM 300

ST TAPE

GROUTS / SILICONE

ARDEX FG 8

ARDEX FS-DD

ARDEX EG 15

SE

ST

GROUT BOOSTER

CA 20 P

SURFACE PREPARATION PRODUCTS

ARDEX ABACRETE

ARDEX MULTIPRIME

P51

PU 30

FLOOR LEVELLING

LQ 92

K 005

ARDITEX NZ

FINE FINISH

A 30

A 46



TILE AND STONE ADHESIVES

ARDEX D 2

PREMIUM NON-SLUMP WALL TILE ADHESIVE



ARDEX D 2 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).

Location

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

Substrates

- Cement render, concrete
- Fibre-cement sheet, plasterboard
- ARDEX liquid undertile waterproofing membranes
- Only use with porous tiles over membranes

Surfaces Walls

Coverage

Walls: 9m² to 11m² per 22kg

Colours White

Packaging **Code**
5.5kg, 22kg pail 10072

ARDEX MPP

MULTIPURPOSE ADHESIVE POWDER FOR WALL AND FLOOR TILES



ARDEX MPP 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).

Location

Internal (not suitable for swimming pools).

Substrates

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

Surfaces Walls, Floors

Coverage

Walls: 12m² per 20kg
Floors: 8m² per 20kg

Colours White

Packaging **Code**
20kg bag 10471

ARDEX OPTIMA

TWO PART PREMIUM TILE ADHESIVE



ARDEX Optima is 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 in internal situations (remove glaze for external applications)
- Highly water resistant
- High initial grab
- Highly flexible – achieves S2 classification

Tile Types

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

Location

Internal, external (suitable for swimming pools and immersion applications).

Substrates

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

Surfaces	Walls, Floors
Colours	White
Packaging	Code
Mini Kit – 1.7kg liquid, 5kg powder	10473
Large Kit – 10kg liquid, 6 x 5kg powder	8000029

ARDEX X 10

FLEXIBLE NON SLUMP WALL AND FLOOR TILE ADHESIVE



ARDEX X 10 is a white polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic type properties. ARDEX X 10 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) and porcelain mosaics.

Location

Internal, external (not suitable for swimming pools).

Substrates

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

Surfaces	Floors
Coverage	Walls: 8m ² per 20kg, Floors: 6m ² per 20kg
Colours	White
Packaging	Code
20kg bag	10223

ARDEX X 18



**FIBRE REINFORCED
FLEXIBLE NON-SLUMP WALL
AND FLOOR TILE ADHESIVE**



ARDEX X 18 is a superior white 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. Suitable for internal and external use in residential and commercial applications, including swimming pools.

- TE Classification - improved characteristics, slip resistance and extended open time
- Non slump - Ideal for large format and heavy tiles on floors and walls

Tile Types

Fully vitrified and ceramic tiles, porcelain, natural stone (excluding moisture sensitive) and mosaics.

Location

Internal, external (suitable for swimming pools).

Substrates

- Concrete, renders, screeds
- Fibre-cement sheet, plasterboard on walls
- Compressed fibre-cement sheet on floors
- ARDEX liquid applied undertile waterproofing membranes
- Existing ceramic tiles (internal dry areas)
- CTU (Ceramic Tile Underlay) over particle board or plywood (see datasheet)

Surfaces Walls, Floors

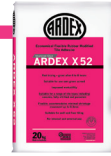
Coverage

Walls: 11m² per 20kg, Floors: 7m² per 20kg

Colours White

Packaging 20kg bag **Code** 16641

ARDEX X 52



**ECONOMICAL
FLEXIBLE RUBBER
MODIFIED TILE ADHESIVE**



ARDEX X 52 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).

Location

Internal, external (with satisfactory falls)

(Not suitable for continuous immersion applications e.g. swimming pools).

Substrates

- Cement render/screeds, concrete
- Fibre-cement sheet, plasterboard
- Compressed fibre-cement sheet
- ARDEX liquid undertile waterproofing membranes
- Not suitable for use directly over timber floors

Surfaces Walls, Floors

Coverage

Walls: 13m² to 15m² per 20kg
Floors: 8m² to 10m² per 20kg

Colours Off White

Packaging 20kg bag **Code** 10226

ARDEX X 56

**HIGHLY FLEXIBLE
TILE ADHESIVE**



ARDEX X 56 is a highly flexible tile adhesive that is also fast setting. This makes ARDEX X 56 suitable for tiling directly to sheet timber and over heated slabs.

- Highly flexible – achieves S2 classification, tile direct over sheet 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).

Location

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

Substrates

- Internal timber (particleboard, plywood) (priming required with ARDEX P9) with the exception of unbonded timber.
- Cement render/screeds, concrete, aerated concrete
- Fibre-cement sheet, plasterboard
- Compressed fibre-cement sheet
- Existing ceramic tiles (where glaze is removed)
- ARDEX liquid undertile waterproofing membranes

Surfaces Walls, Floors

Coverage

Walls: 12m² to 14m² per 15kg
Floors: 8m² to 10m² per 15kg

Colours Light Grey

Packaging **Code**
15kg bag 10227

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.

Location

Internal, external (suitable for swimming pools and immersion applications).

Substrates

- Concrete, renders, screeds
- ARDEX liquid undertile waterproofing membranes
- Fibre-cement sheet, plasterboard
- Existing ceramic tiles
- Autoclaved Aerated Concrete (AAC)
- ARDEX DS 40

Surfaces Walls, Floors

Coverage

Walls: 9m² per 15kg, Floors: 6m² per 15kg

Colours Off White

Packaging **Code**
15kg bag 10229

ARDEX S 28 NEU

**MICROTEC LARGE
FORMAT AND STONE
TILE ADHESIVE**



ARDEX S 28 Neu is a Microtec, fibre-reinforced, rapid-hardening and drying, Ardurapid technology, cement-based tile and stone adhesive.

- Rapid drying - can be trafficked and grouted after 3 hours
- Suitable for fixing large format tiles
- Suitable for fixing translucent marble, glass mosaics and other natural stone tiles
- Reduced risk of water staining, warping and curling
- Low VOC content

Tile Types

Fully vitrified and ceramic tiles, porcelain, concrete stone tiles e.g. terrazzo, natural stones*, glass and porcelain mosaics* please refer to ARDEX Technical Bulletin TB010.

Location Internal

Substrates

- Concrete, renders, screeds
- Medium density fibre-cement sheets on walls and plasterboard
- Existing ceramic
- Autoclaved aerated concrete (AAC)
- Compressed fibre-cement sheet on floors (With ARDEX E 90)
- Heated floors

Surfaces Walls, Floors

Coverage

Walls: 10.5m² per 20kg, Floors: 6.8m² per 20kg

Colours White

Packaging 20kg bag **Code** 22740

NOTE: Available on indent order only

ARDEX QUICKBOND

**QUICK SETTING
TILE ADHESIVE**



ARDEX Quickbond 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.

Location

Internal, external (not suitable for swimming pools).

Substrates

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

(Mix with ARDEX Abalastic when using over heated slabs, when movement is anticipated or in external situations)

Surfaces Walls, Floors

Coverage

Floors: 6.5m² per 20kg, Walls: 10m² per 20kg

Colours Off White

Packaging 20kg bag **Code** 10521

ARDEX E 90



ADMIX FOR ARDEX CEMENT-BASED TILE ADHESIVES

ARDEX E 90 is a special synthetic dispersion additive for use with ARDEX cement-based tile adhesives to improve adhesion and flexibility.

For use with specific products and mixing ratios, see the tile adhesive datasheet.

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

Location

Internal, external

Substrates

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

(Mix with ARDEX Abalastic when using over heated slabs, when movement is anticipated or in external situations)

Surfaces	Walls, Floors
-----------------	---------------

Packaging	Code
20kg pail	10075

ARDEX ABALASTIC



LIQUID POLYMER ADDITIVE

ARDEX Abalastic is 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 topping from 10-25mm
- Mix with ARDEX LQ 92 when incorporating heating wires into topping

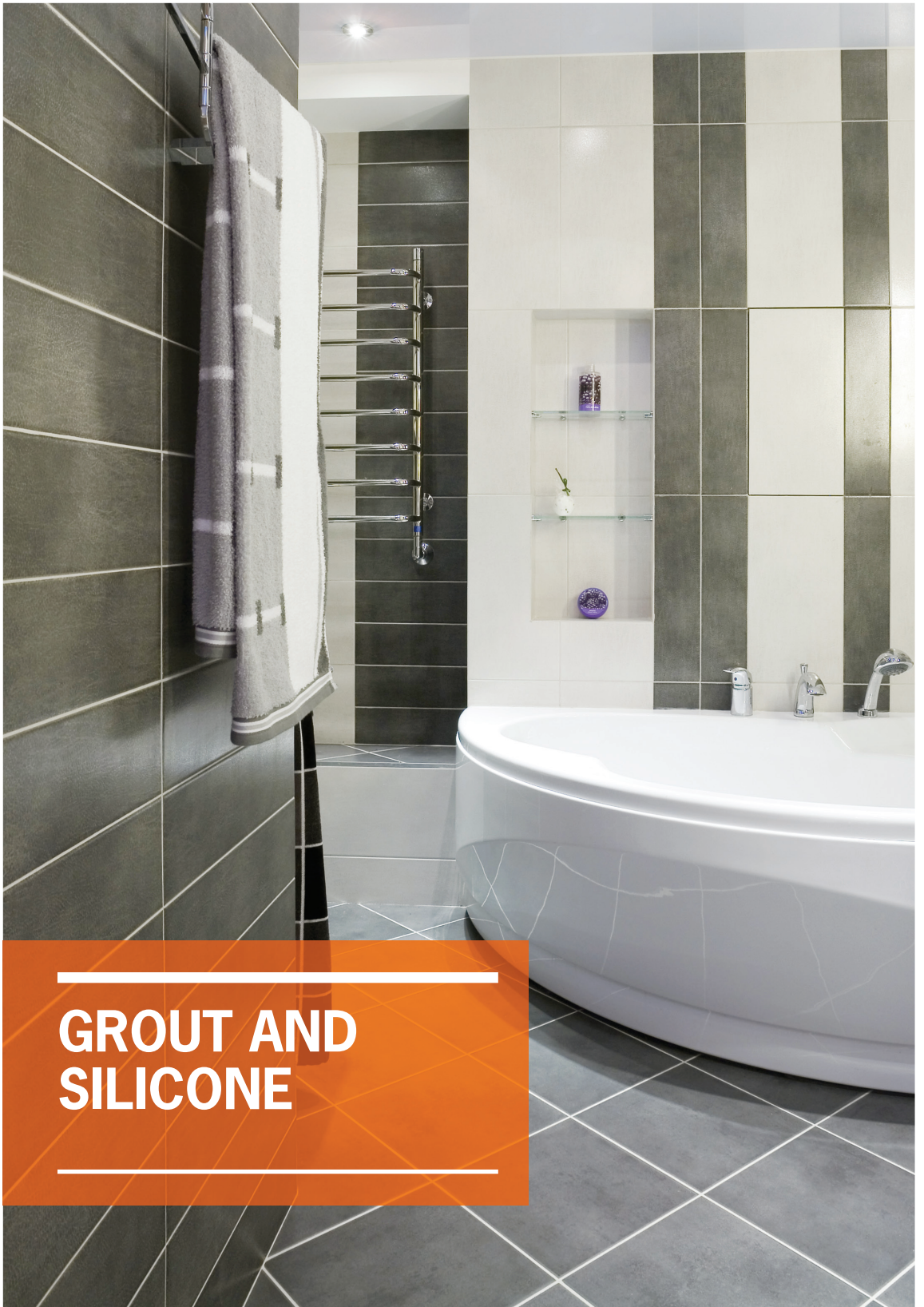
Location	Internal, external
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Surfaces	Walls, Floors
-----------------	---------------

Colours	White
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Packaging	Code
20L pail	10064





GROUT AND SILICONE

ARDEX FG 8

HIGHLY VERSATILE, FLEXIBLE
COLOURED GROUT



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

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

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).

Joint Width 1mm to 8mm

Surfaces Walls, Floors

Coverage

See coverage chart on page 30

Colours Various

Packaging

1.5kg, 5kg, 20kg

ARDEX FS-DD

FLEXIBLE WATER REPELLENT
AND DIRT RESISTANT FINE
TILE GROUT



ARDEX FS-DD is a 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

Tile Types

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

Location

Internal, external

Joint Width 1mm to 4mm

Surfaces Walls, Floors

Coverage

See coverage chart on page 30

Colours Various

Packaging

5kg
20kg bag
(1.5kg in Ultra White 390 only).

ARDEX EG 15

EASY CLEAN HIGH
PERFORMANCE EPOXY GROUT



ARDEX EG 15 is a high performance epoxy grout designed for situations that require strict standards of hygiene, high chemical and physical resistance. ARDEX EG 15 is exceptionally easy to clean up during application. It can be used in joints up to 15mm wide on walls and floors.

- Water wash up, easier than other epoxy grouts
- Solvent free, environmentally friendly
- Adjustable viscosity to suit application conditions
- Use with range of ARDEX Colour Packs

Tile Types

All ceramic tiles, porcelain and natural stone. (Porous, moisture sensitive and textured tiles may require special application procedures, contact ARDEX Technical Services.

Location

Internal, external (suitable for use in swimming and hydrotherapy pools).

Joint Width 1.5mm to 15mm

Surfaces Walls, Floors

Coverage

See coverage chart on page 30

Colours Various

Packaging

ARDEX EG 15 is a three part system

Part A: 1L

Part B: 500ml

Part C: ARDEX Colour Pack 5kg

ARDEX SE

SANITARY INSTALLATIONS
SILICONE



ARDEX SE is an acetox curing 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

Location

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

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
- May cause discolouration to brass and copper

Joint Width

Max width 30mm, depth 15mm

Surfaces Walls, Floors

Coverage

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

Colours Various

Packaging

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 - for repairs.
- Contains mould inhibitors

Location

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

Suitability

ARDEX ST is ideal for moisture sensitive natural stone prone to staining, such as marble, gneiss, 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.

Joint Width

Up to 30mm wall, up to 15mm floor

Surfaces Walls, Floors

Coverage

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

Colours Various

Packaging

310mL cartridge

ARDEX GROUT BOOSTER

WATER-BASED POLYMER
GROUT ADDITIVE



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

- High grade polymer technology
- Improved water resistance

Location

Internal, external. (Suitable for swimming pools and timber floors).

Surfaces Walls, Floors

Packaging 4L **Code** 10425

ARDEX SG

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.

Packaging

1L

Code

73120

ARDEX CA 20 P

MULTIPURPOSE CONSTRUCTION ADHESIVE AND SEALANT



ARDEX CA 20 P is a one component, silane modified polymer adhesive and neutral curing sealant which hardens in reaction with moisture. ARDEX CA 20 P 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 short-term repair applications (cannot be used underwater as an exposed sealant, or in swimming pools in constant full direct exposure to the chemically treated water)
- Extremely versatile – bonds a wide range of materials including metal, wood, ceramics and plastic
- Can be painted over

Tile Types

Various, plus a wide range of other materials.

Location

Internal, external. (Suitable for immersion applications where not exposed to chemically treated water).

Substrates

- Concrete
- Wall panels
- Timber
- Waterproofing membranes
- Glazed and unglazed ceramic tiles
- Plastics
- Metal
- Glass
- Fibreglass
- Polystyrene foam
- Aluminium

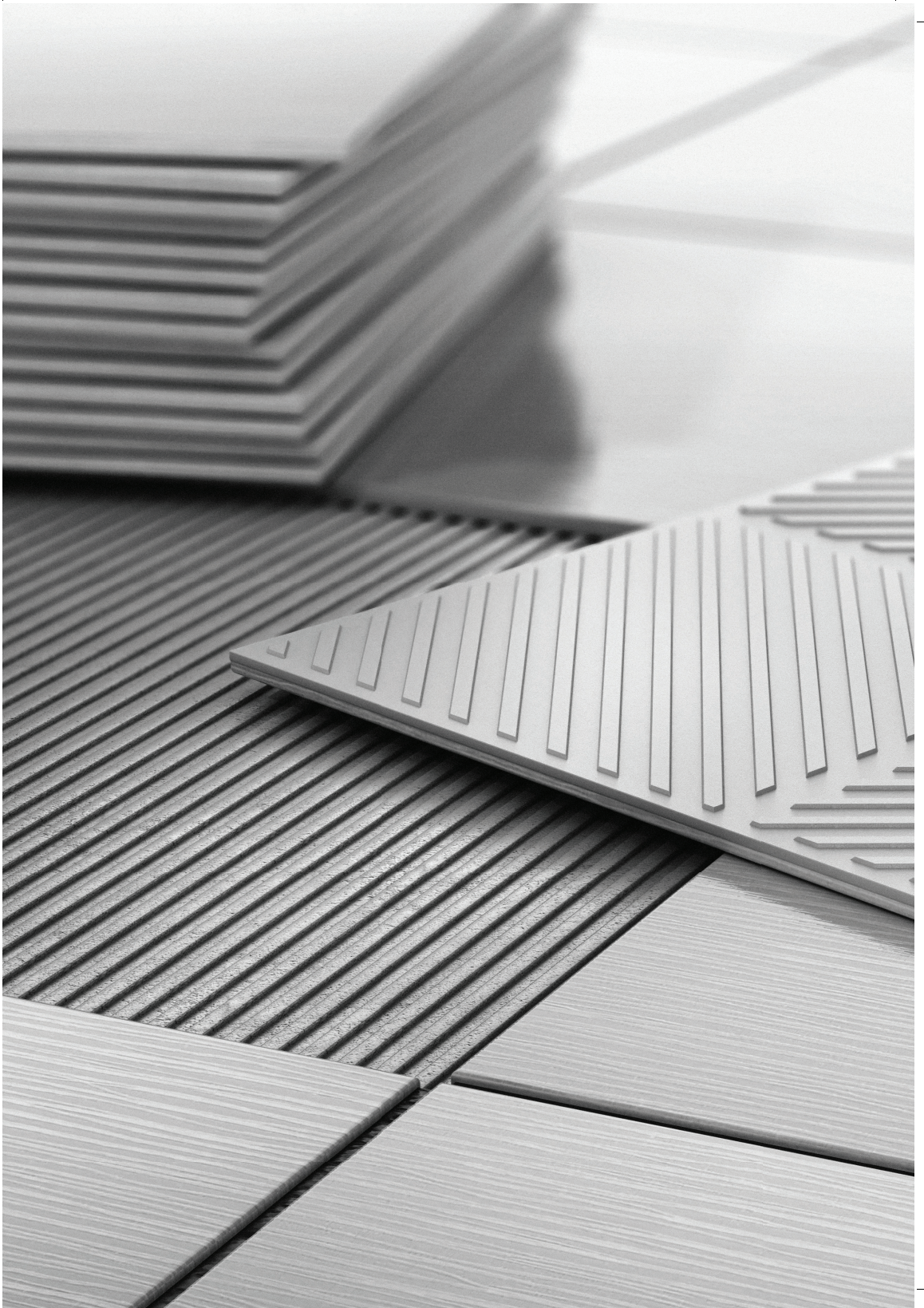
Joint Width 1.5mm to 15mm

Surfaces Walls, Floors

Colours White, Black, Grey

Packaging

310mL cartridge





COVERAGE CALCULATORS

CEMENT BASED GROUTS

Approximate coverage in kg/m². 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 to 15% for wastage.

ARDEX FG 8

	Tile Size (length x width x depth)			
Joint Width	25x25x4 mm	100x100x8 mm	200x200x8 mm	330x330x9 mm
1.5mm	0.96 kg/m ²	0.48 kg/m ²	0.24 kg/m ²	0.16 kg/m ²
3.0mm	1.92 kg/m ²	0.96 kg/m ²	0.48 kg/m ²	0.33 kg/m ²
5.0mm	3.2 kg/m ²	1.6 kg/m ²	0.8 kg/m ²	0.55 kg/m ²
8.0mm	5.12 kg/m ²	2.56 kg/m ²	1.28 kg/m ²	0.87 kg/m ²

ARDEX FS-DD

	Tile Size (length x width x depth)			
Joint Width	50x50x5 mm	100x100x5 mm	150x150x5 mm	300x300x5 mm
1.5mm	0.6 kg/m ²	0.3 kg/m ²	0.2 kg/m ²	0.1 kg/m ²
3.0mm	1.2 kg/m ²	0.6 kg/m ²	0.4 kg/m ²	0.2 kg/m ²

EPOXY GROUTS

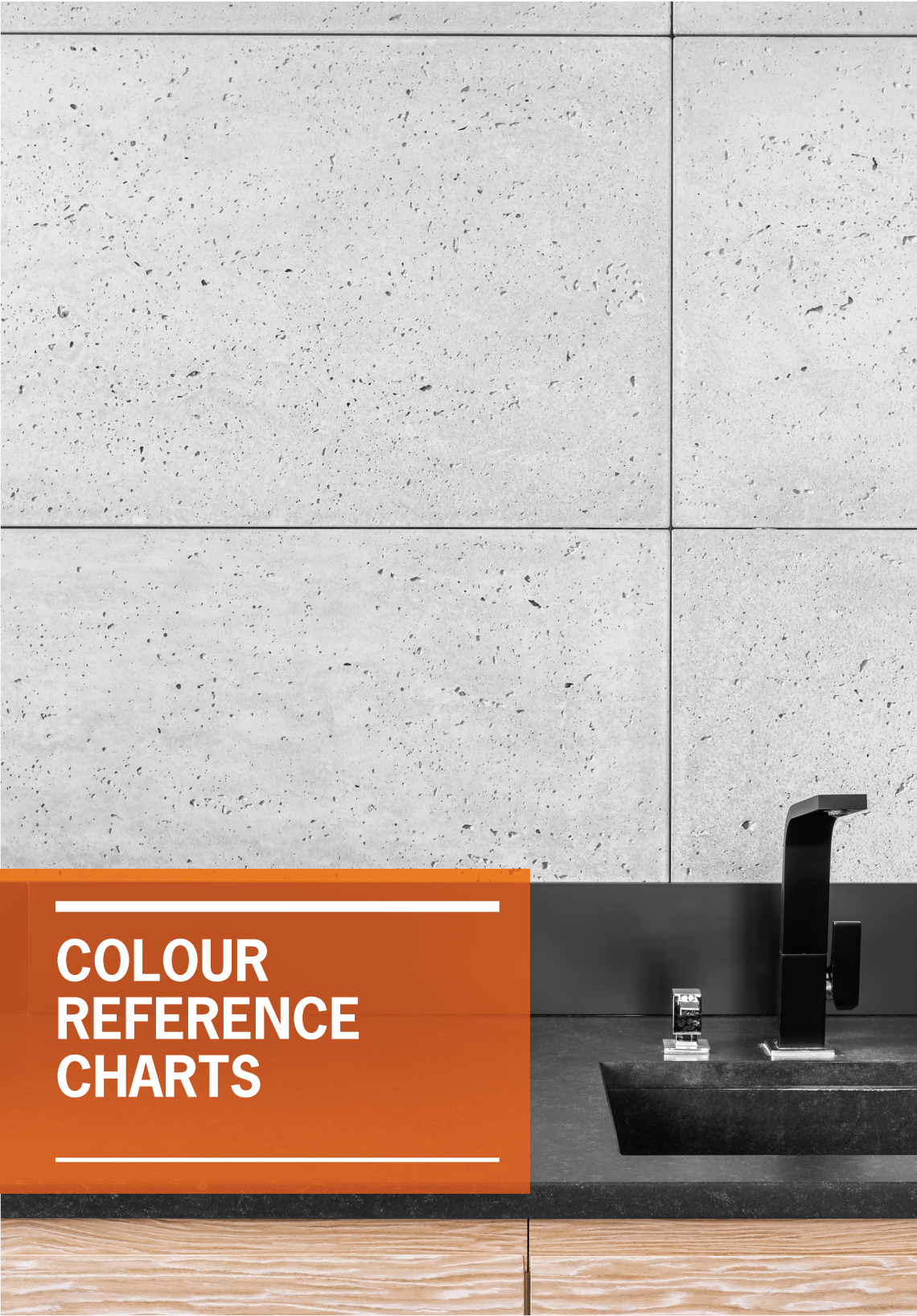
Approximate coverage in m². Coverage will vary according to the tile size, joint width and depth, as well as the method of application and on site conditions. Allow an additional 10 to 15% for wastage. All measurements are per unit of product.

ARDEX EG 15

	Tile Size (length x width x depth)				
Joint Width	25x25x4 mm	100x100x8 mm	200x200x8 mm	330x330x9 mm	600x600x10 mm
1.5mm	8.5 m ²	17 m ²	34 m ²	50 m ²	81 m ²
3.0mm	4 m ²	8.5 m ²	17 m ²	25 m ²	40 m ²
5.0mm	2.5 m ²	5 m ²	10 m ²	15 m ²	24 m ²
10mm	1.2 m ²	2.5 m ²	5 m ²	7.5 m ²	12 m ²
15mm	0.8 m ²	1.7 m ²	3.4 m ²	5 m ²	8 m ²



COLOUR REFERENCE CHARTS



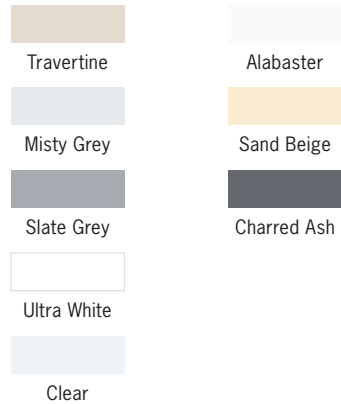
ARDEX SE

Easy to apply, acetic silicone for the perfect seal.



ARDEX ST

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



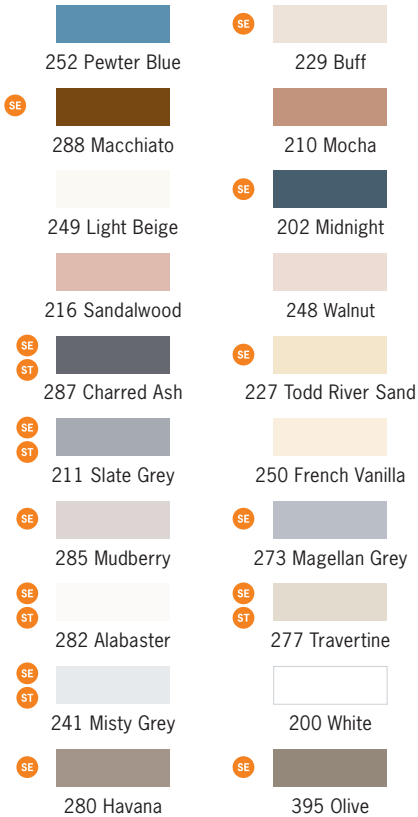
- SE** Indicates that there is a matching ARDEX SE Silicone available.
- ST** Indicates that there is a matching ARDEX ST Silicone available.

NOTE: Colours on this page are indicative and limited by the print process and may differ slightly to the actual product colour.

ARDEX FG 8



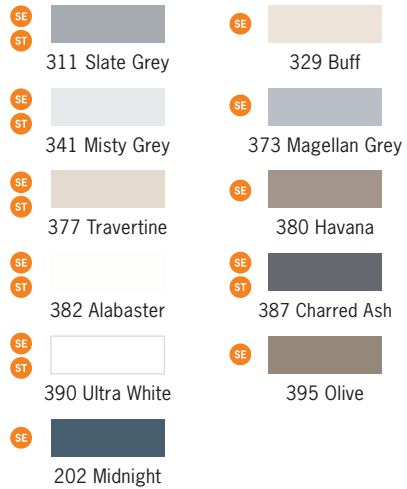
Highly versatile, flexible coloured grout for tile joints (1 to 8mm wide), exceptionally easy to use.



ARDEX FS-DD



Fine tile grout, ideal for narrow joints (1 to 4mm wide) and polished porcelain.



ARDEX EG 15

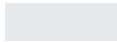
Easy-clean, high-performance epoxy grout for joints
1.5 to 15mm wide.

SE
ST



677 Travertine

SE
ST



641 Misty Grey

SE
ST



687 Charred Ash

SE



680 Havana

SE



673 Magellan Grey



644 Black

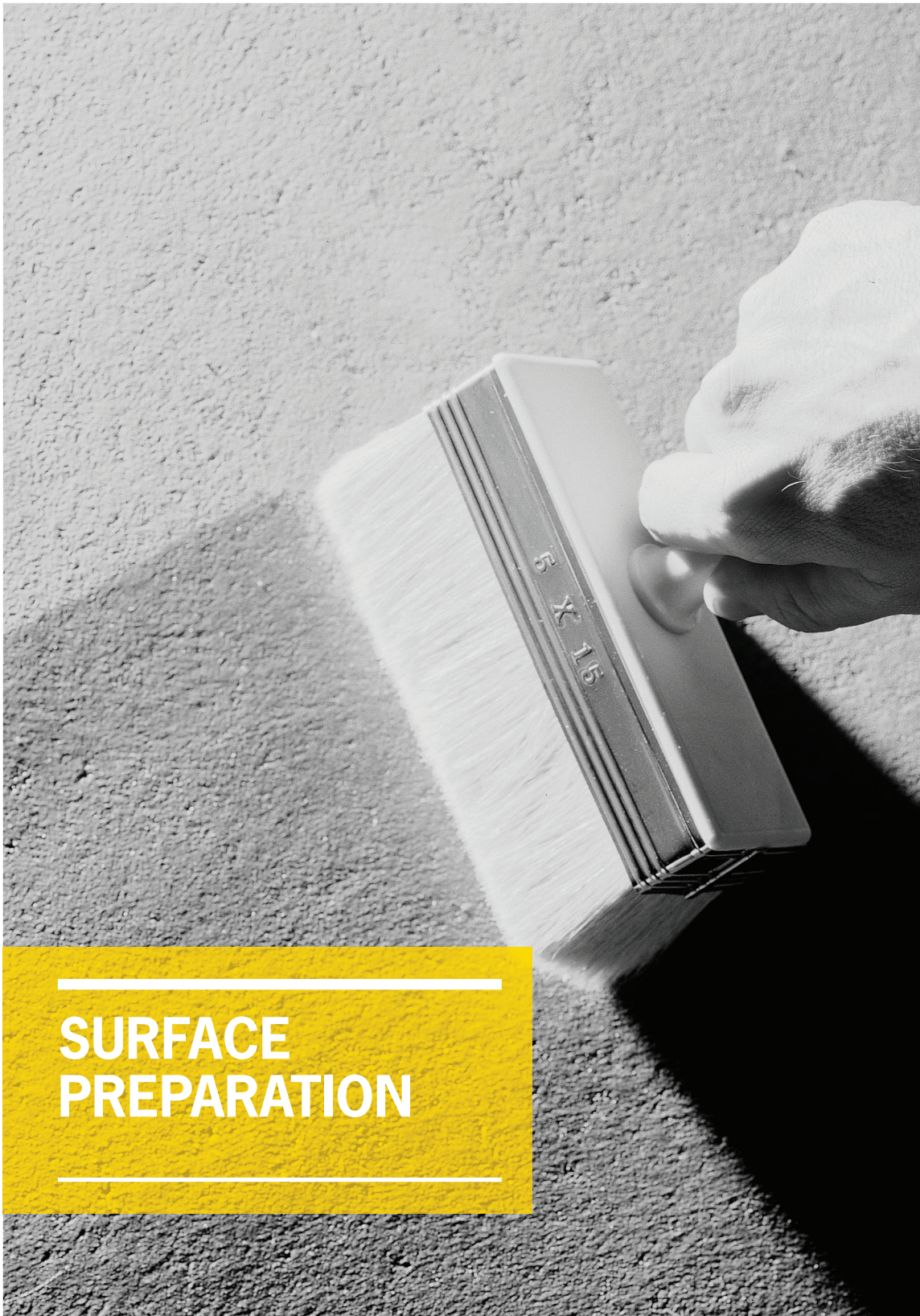


600 White

SE
ST



611 Slate Grey



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

Location

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

Substrates

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

Surfaces Walls, Floors

Coverage

Approx 6m² per litre.

Colours White

Packaging **Code**

4L Jerry Can 10156

20L Cube 10155

ARDEX P 9

SINGLE PART PRIMER FOR NON-POROUS SUBSTRATES



A water-based primer used for improving the adhesion of ARDEX products to smooth, dense and various non porous substrates.

It is easy to apply with a brush or roller with applications of subsequent products able to take place with minimal downtime.

Location

Internal or external

Substrates

In tiling applications

- Internal particleboard, plywood, sheet and timber
- Fibre-cement sheet
- Concrete, renders, screeds
- Masonry and lightweight concrete blocks
- Autoclaved aerated concrete (AAC)
- Existing glazed tiles (see datasheet)
- Metal surfaces
- Plastics (contact ARDEX)
- Epoxy coatings (contact ARDEX)
- Painted surfaces

Contact ARDEX if other substrates are encountered.

Coverage

- 6–10m²/L
- 15m²/L/coat – Number of overcoats relative to substrate porosity and application

Drying Time

Approximately 20 minutes at 23°C and 50% relative humidity.

Packaging

4L Pail

Code

16778

ARDEX P 51



PRIMER AND BONDING AGENT FOR POROUS SUBSTRATES

ARDEX P 51 is a water-based primer, precoat, bonding agent and pore closer for concrete substrates. As a pore closer ARDEX P 51 prevents air bubbles rising from substrates and creating defects in the underlayments.

Application

Internal dry surfaces only

Coverage

- 6–10m²/L onto porous concrete
- Up to 50m²/5L container when diluted with 10L water

Dilution

See product datasheet

Drying Time

Min. 3 hours (max. 24 hours) depending on temperature, ventilation and substrate conditions

Packaging

5L containers

Code

10231

ARDEX PU 30



POLYURETHANE PRIMER AND GREEN SLAB SEALER

ARDEX PU 30 is a one-component polyurethane primer and green slab sealer for use on internal and external porous and non-porous substrates. ARDEX PU 30 penetrates the surface of the substrate blocking capillary moisture up to 98% RH, while strengthening and consolidating the surface up to 2mm in depth.

- Suitable as a green slab seal up to 98% RH
- Strengthens and consolidates weak substrates
- Suitable for use with ARDEX polyurethane- and MS-based adhesives
- Suitable for levelling compounds when broadcast with quartz sand
- Meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.

Location

Internal or external

Substrates

Porous and non-porous substrates including;

- Concrete (including green concrete)
- Timber
- Particleboard
- Plaster
- Existing ceramic tiles
- Steel (not for levelling over)

Drying Time

- Allow each layer of ARDEX PU 30 45 minutes to dry
- Allow a minimum of 2 hours for layers containing sand broadcast

Coverage

- 100-150g/m² per layer


Packaging

11kg

Code

22390





**DECOUPLING,
SOUNDPROOFING
AND DRAINAGE
MATTING**

ARDEX DS 60

DECOUPLING MAT RUBBER MEMBRANE ISOLATION



ARDEX DS 60 is a decoupling membrane solution for domestic and highly trafficked commercial floors. The ARDEX DS 60 system provides a tileable surface that protects and separates tiled finishes from the original substrate. This allows a cost effective reinstatement of the original floor at the end of a lease or upon refurbishment.

- Thin build height - 0.4mm gauge
- Separates tiled finish from substrate movement
- Allows economical removal of tiles surfaces
- Directly adhere tiles using ARDEX tile adhesives
- Suitable for use with underfloor heating

Location Internal

Substrates

Concrete floors, timber floors, bitumen membranes, epoxy, old composite cork or vinyl flooring.

Colours Grey

Packaging	Code
ARDEX DS 60 Decoupling Mat: 40m x 1.4m x 0.4mm	13321
ARDEX AF 360 Decoupling Adhesive: 18kg	13003

ARDEX DS 70

RECYCLED RUBBER IMPACT INSULATION MAT



ARDEX DS 70 is a high-performance, resilient rubber flooring underlayment for the reduction of impact sound, decoupling and crack isolation under hard floorcoverings. ARDEX DS 70 is made from 92% post-consumer recycled, wear and water resistant rubber granules and is rated to provide a 19dB improvement. ARDEX DS 70 also acts as a decoupling mat to isolate cracking and substrate movement from the flooring finish.

- For use under ceramic and stone tile, and luxury vinyl tile floorcoverings
- Isolates floor finish from substrate movement and cracking
- Suitable for use with underfloor heating systems
- Resistant to castor wheels
- Made from >90% recycled rubber
- Rated to 19dB as per ASTM E2179
- 5mm thickness

Location

- Internal (contact ARDEX regarding external applications)
- Residential and commercial

Floor Coverings

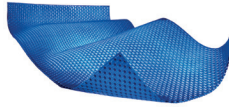
- Ceramic and stone tile
- Luxury vinyl tile

Roll Size

1.2m x 9.1m x 5mm

Packaging	Code
ARDEX DS 70	20284
ARDEX Perimeter Isolation Strip	20285

ARDEX UD 150



THIN-LAYER UNDERTILE DRAINAGE MAT

ARDEX UD 150 is an unbonded, passive capillary drainage system for use under an external tiled surface. Acting as a drainage channel underneath the tiled surface, ARDEX UD 150 speeds up the drying process after rainfall and helps reduce the build up of efflorescence.

- A 6mm drainage channel
- Isolates tiled surface from substrate movement and stresses
- Allows passive drainage of moisture through and underneath the tiled surface
- Diffusion slits enable ventilation of residual moisture from cementitious substrates
- Unique combination of intelligent reinforced mesh to provide optimum rigidity and bonding
- ARDEX UD 158 mesh tape to hold together butted joints
- Rated to 19dB as per DIN EN ISO 717-2

Typical Use

Under tiled surfaces of balconies, decks, patios, terraces and courtyards

Location	External
-----------------	----------

Mat Size

1.02m x 1.96m

Coverage

- 2m² (16m² per carton)

Packaging	Code
ARDEX UD 150 Carton of 8	30322
ARDEX UD 158	24397





FLOOR LEVELLING

ARDEX K 120

LEVELLING AND SMOOTHING COMPOUND



ARDEX K 120 is a levelling and smoothing compound designed to level and smooth internal sub-floors prior to applying floor finishes.

Location Internal sub-floors

Substrates

Internal, dry concrete substrates.

Floor Coverings

Carpet, vinyl, ceramic and quarry tiles.

Coverage 4m² at 3mm

Thickness

- From 2.5–12mm in one application without aggregate
- For thickness over 12–20mm, mix with a well washed and dried 2–5mm aggregate. Mix with water first then add the aggregate in equal volume to mixed mortar whilst mixing

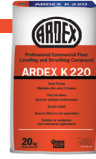
Drying Time

- Allow approximately 2–3 hours at 23°C and 50% relative humidity, before foot traffic
- Conventionally laid carpet and floating floors can be installed after 24 hours
- Direct stick applications such as vinyl flooring after 48 hours. Allow longer for humid climates and low temperatures

Packaging 20kg bag **Code** 24721

ARDEX K 220

LEVELLING AND SMOOTHING COMPOUND



ARDEX K 220 is a levelling and smoothing compound designed to level and smooth internal sub-floors prior to applying floor finishes.

Location Internal sub-floors

Substrates

Internal, dry concrete substrates.

Floor Coverings

Carpet, vinyl, ceramic and quarry tiles.

Coverage 4m² at 3mm

Thickness

- From 2–20mm in one application without aggregate
- For thickness over 20mm, K 220 can be applied to 30mm in one application when used with aggregate

Drying Time

- Allow approximately 2–3 hours at 23°C and 50% relative humidity, before foot traffic
- Conventionally laid carpet and floating floors can be installed after 24 hours
- Direct stick applications such as vinyl flooring after 48 hours. Wait 7 days prior to exposing to very heavy loads. Allow longer for humid climates and low temperatures

Packaging 20kg bag **Code** 23240

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

Location

Internal, external (not subject to freeze/thaw).

Bed Thickness

- 10mm down to feather edge
- For thicknesses over 10mm and up to 25mm, mix with 2mm to 5mm aggregate
- For ramping mix with up to 10kg of coarse dried sand to achieve a trowelable non-flowing screed

Substrates Concrete

Surfaces Floors

Coverage

20kg unit covers approx 3.8m² at 3mm;
2.9m² at 4mm bed thickness.

Colours Grey

Packaging **Code**
20kg bag 10146

ARDEX K 005

BULK-FILL LEVELLING COMPOUND



ARDEX K 005 is a cement based underlay for levelling subfloors prior to the application of a floor finish. Designed with a coarse sand aggregate and minimal flow for the easy and efficient installations of thick layers. It can also be used as a fast set screed when the water mixing ratio is reduced.

Location

- Internal above grade applications
- Below grade application with ARDEX moisture barrier

Substrates

New, existing or rough screeded concrete.

Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber floors (contact ARDEX Technical Services)

Coverage

- 1.1m² at 10mm
- 11m² at 1.1mm

Thickness

10–120mm in one application.

Drying Time

- Walkable from 4 hours
- Overlay with ARDEX smoothing compounds from 16 hours

Packaging **Code**
20kg triple layered bag 10295

ARDITEX NA

LATEX LEVELLING AND SMOOTHING COMPOUND



ARDITEX NA is a self-smoothing, latex levelling compound with improved flow and excellent adhesion, flexibility and moisture resistance. These unique properties ensure that ARDITEX NA can be used over almost all subfloors without priming, including ceramic tiles, bitumen and flooring-grade plywood.

- Self-smoothing
- Polymer modified – apply from feather edge to 12mm
- Early walkability - tile over after approx 4 to 5 hours @ 23°C

Location

Internal, external. Under damp proof membranes.

Bed Thickness

- 12mm down to feather edge
- For thicknesses over 12mm and up to 30mm, mix with 2mm to 5mm aggregate

Substrates

Concrete

- Concrete
- For thicknesses over 12mm and up to 30mm, mix with 2mm to 5mm aggregate
- Ceramic tiled floors (internal dry areas, after priming with ARDEX P 9)
- Steel decks (contact ARDEX technical services)
- Timber floors (contact ARDEX technical services)

Surfaces

Floors

Coverage

20kg unit covers approx 12m² at 1mm;
4m² at 3mm bed thickness

Colours

Grey

Packaging

20kg and 4.8kg litre pail

Code

8000011

ARDEX FINE FINISH

RAPID DRYING SMOOTHING COMPOUND



ARDEX Fine Finish is a cement-based smoothing compound designed to provide a smooth, permanent finish to a variety of internal substrates prior to the installation of floor coverings such as vinyl, carpet and ceramic tile. It is suitable for residential and light commercial applications only.

- Rapid drying
- Excellent coverage – skim coat up to 70m²
- Suitable for residential and light commercial areas

Location

Internal above grade application.

Substrates

New and existing concrete, terrazzo, quarry and ceramic tiles, timber floors and existing vinyl floor.

Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Floating timber

Coverage

Up to 70m² skim coat

Thickness

Feather edge to 3mm.

Drying Time

Ready for floor coverings from 15 minutes.

Packaging

10kg bag

Code

19677

ARDEX A 30

SLUMP-FREE FEATHER EDGE PATCHING COMPOUND



ARDEX A 30 is a slump-free feather edge patching compound that is designed for internal filling of cavities, holes, unevenness and patching work in wall and floor areas. ARDEX A 30 dries fast through hydration to a virtually tension free compound.

- Slump-free patching compound
- Sets in approximately 20 minutes
- Ready for floor coverings after approximately 90 minutes

Location

Internal applications.

Substrates

New and existing concrete. Concrete masonry or cement render. Impervious surfaces primed (Contact ARDEX).

Surfaces Floors

Coverage 16m² at 1mm

Thickness

- In large areas: 1-20mm
- In well-defined areas: any thickness (Contact ARDEX Technical Services)

Colours Grey

Packaging 20kg triple layered bag **Code** 11285

ARDEX A 46

EXTERNAL PATCHING COMPOUND



ARDEX A 46 is a rapid setting and drying, slump-free mortar. Easy to use ARDEX A 46 mixes and trowels easily and gives a smooth finish on both walls and floors.

The exceptional hardness and shrinkage free finish of ARDEX A 46 is ideal for creating new ramps, forming coves, patch repairs, stairs, making good around penetrations and filling cracks.

- Slump-free mortar
- Walkable from 2 to 3 hours
- Ready for tile and surface coatings from 24 hours

Location

External and internal. Above and below grade applications.

Substrates Concrete

Surfaces Floors

Coverage 6.4m² at 2mm

Thickness 2mm–20mm

Colours Grey

Packaging 20kg triple layered bag **Code** 19668





SCREEDS

ARDEX A 38

RAPID SET
CEMENT SCREED



ARDEX A 38 is a rapid set cement screed that has been designed for all types of floor coverings and is especially effective when installing moisture sensitive coverings. ARDEX A 38 produces a screed that improves on-site efficiencies by allowing traffic shortly after application and laying of the floor covering on the same day. The screed can be used as a:

- Bonded screed
- Unbonded screed (on a slipsheet or insulating layer)
- As a heated screed

Location Internal and external

Substrates

New and existing concrete. For other substrates contact ARDEX Technical Services.

Floor Coverings

- Tiles
- Natural stones

Coverage

A 20kg bag of ARDEX A 38 mixed with 100kg of ARDEX Gravel Mix aggregate will cover approximately 4.2m² per 15mm (1.6m² per 40mm) of thickness.

Thickness

The nominal screed thickness when mixed with ARDEX Gravel Mix aggregate is:

- Unbonded at least 35mm; and preferably 40mm thick. Pandomo and heated floors normally require greater than 45mm thick
- Bonded screed it must be at least 15mm

Drying Time

- Can be walked on and is ready to receive tiles after 8 hours

Packaging	Code
ARDEX A 38 20kg triple layered bag	11204

ARDEX GRAVEL MIX

AGGREGATE FOR
A 38 POWDER



Packaging	Code
ARDEX Gravel Mix	11225

ARDEX A 48

PREMIXED RAPID
SET CEMENT SCREED



ARDEX A 48 is a premixed, rapid set, cement screed preparation that has been designed for all types of floor coverings and is especially effective when installing moisture sensitive coverings. The rapid cure allows floor coverings to be installed quicker than regular screeds.

Location	Internal and external
-----------------	-----------------------

Substrates

ARDEX WPM 750 waterproofing system, undertile waterproofing membranes, tiles, natural stones, terrazzo, resilient and textile floor coverings and parquet.

Coverage	1m ² per 10mm
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Thickness

- Unbonded at least 35mm; and preferably 40mm thick. Maximum thickness is 70mm. Heated floors normally require greater than 45mm thick
- Bonded screed it must be at least 15mm and a maximum of 50mm

Drying Time

- Can be walked on and is ready to receive tiles after approximately 4 hours
- Ready for ARDEX WPM 750 and smoothing cements after 24 hours
- Ready to receive ARDEX approved liquid undertile membranes, parquet, resilient and textile floor coverings after 48 hours

Packaging	Code
20kg triple layered bag	13002





WATERPROOFING

ARDEX WPM 001

ONE-COMPONENT ACRYLIC
WATERPROOFING MEMBRANE



ARDEX WPM 001 is a single component, acrylic undertile waterproofing membrane. ARDEX WPM 001 is specially formulated to be fast-drying, strong, flexible and easy-to-use.

- BRANZ Appraised (No. 472 and 473)
- Advanced acrylic polymers – will not re-emulsify
- Compatible with ARDEX tile adhesives
- Flexible - Class III Membrane conforms to AS 4858
- Low VOC content

Location

Internal wet areas, balconies and other areas that will be tiled.

Substrates

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

Surfaces Floors, Walls

Coverage

- Approx 7.5m² on floors at 1.0mm thickness per 20kg unit
- Approx 15m² on walls at 0.5mm thickness per 20kg unit

Colours Blue viscous paste

Packaging 20kg liquid pail **Code** 10593

ARDEX WPM 002

TWO-COMPONENT, FIBRE-
REINFORCED ACRYLIC
WATERPROOFING MEMBRANE



ARDEX WPM 002 is a two-component, fibre-reinforced acrylic waterproofing membrane specifically designed for use under tiled surfaces and vinyl floor coverings. ARDEX WPM 002 is uniquely formulated with synthetic microfibres to increase strength.

- BRANZ Appraised (No. 472 and 473)
- Advanced acrylic polymers – will not re-emulsify
- Rapid drying time, normally ready to tile in 16 to 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

Location

Internal and external wet areas, balconies and other areas that will be tiled. Suitable for permanent immersion.

Substrates

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

Surfaces Floors, Walls

Coverage

- Approx 16m² on floors at 1.2mm thickness
- Approx 24m² on walls at 0.8mm thickness

Colours

Liquid – White
Powder – Off White

Packaging Part A: 20kg liquid pail **Code** Part A pail: 10595
Part B: 20kg powder bag Part B bag: 10597

ARDEX WPM 750

HEAT-WELDED SHEET
WATERPROOFING MEMBRANE



ARDEX WPM 750 is a synthetic rubber sheet membrane that is designed for waterproofing tiled areas. Laps and corners are to be heat formed and/or welded. The membrane has polypropylene filaments on both sides for better wetting by water-based adhesives. Tiling can begin 60 minutes after installation.

- BRANZ Appraised (No. 727)
- Thin and consistent waterproofing gauge
- Fast track installation - tile over in 60 minutes
- Must be used with appropriate ARDEX adhesives. Contact ARDEX for more info.
- Can be used with the unique ARDEX Clamp Waste Outlet

Location

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

Substrates

- Concrete, renders and screeds
- Fibre cement compressed sheet, closed cell polyurethane foam, wet wall linings i.e. Gib Aqualine, VillaBoard

Colours Grey

Roll Size 20m x 1.4m x 0.5mm
Code 13319

ARDEX WPM 155

ONE-COMPONENT POLYURETHANE-
ACRYLIC HYBRID LIQUID MEMBRANE



ARDEX WPM 155 is a water-based polyurethane-acrylic liquid waterproofing membrane developed for high performance undertile waterproofing. Rapid system is possible when ARDEX WPM 155 is used with ARDEX STB Tape on all junctions and joints. With this system, tiling can begin after 4 hours.

- BRANZ Appraised (No. 472 and 473)
- UV stable when left exposed – non traffickable
- Excellent adhesion with ARDEX tile adhesives
- Great film build – easy to gauge thickness
- Compatible with ARDEX tile adhesives

Location Internal, external

Substrates

- Concrete
- Renders and screeds
- Fibre-cement sheet
- Plasterboard

Surfaces Floors, Walls

Coverage

- Approx 8.5m² on floors with 1.0mm thickness;
- Approx. 17m² on walls with 0.5mm thickness

Colours Blue Grey

Packaging 15L pail 19727
4L pail 19728

ARDEX WPM 300

WATER-BASED
EPOXY MEMBRANE



ARDEX WPM 300 is a two component water based epoxy polyamide membrane/barrier coating. Ideal over green concrete or wet/damp surfaces prior to application of tile adhesives, levelling compounds and waterproofing membranes. Withstands hydrostatic pressure.

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

Location

Internal, external. (Use cement-based adhesives over sand seeded ARDEX WPM 300)

Substrates

- Concrete
- Screeds and renders
- Brick and masonry

Surfaces Floors, Walls

Coverage

3m² per litre per coat

Colours Grey and Black

Packaging

20L kit
4L kit

Code

8000021
10207

ARDEX WPM 368

SINGLE PART
BARRIER MEMBRANE



ARDEX WPM 368 is a single component acrylic co-polymer membrane that will prevent rising damp, efflorescence and will resist negative hydrostatic pressure when used in accordance with the technical data sheet. It has excellent adhesion to most substrates including brick, masonry, concrete block, concrete and stone and is simple to use by brush, roller or airless spray machine.

Ideal as a barrier coating over freshly laid or damp concrete prior to the application of ARDEX levelling compounds, carpet and tile adhesives.

- No primers or broadcast sand required
- Non-flammable and negligible odour
- Can be safely applied to freshly laid hardened (green) concrete
- Suitable under tiles and under floor levellers

Location

Internal, external.

Substrates

- Brick
- Masonry
- Concrete block
- Concrete
- Stone

Surfaces

Floors, Walls

Coverage

3m² per litre per coat

Colours

Grey

Packaging

20kg pail

Code

19623

ARDEX WPM 1000

EXTERNAL WELDABLE UNDERTILE
SHEET MEMBRANE



ARDEX WPM 1000 is a fleece-lined waterproofing sheet membrane specially formulated for the direct adhesion of tiled systems or for other non-exposed use. ARDEX WPM 1000 is heat-welded at laps and seams to create a superior bond, consistent gauge and allow a quick installation. ARDEX WPM 1000 has excellent flexibility, durability, and superior resistance to tearing, cracking, bubbling and absorption.

- Manufactured in New Zealand
- BRANZ Appraised (No. 727)
- Heat-welded laps and seams
- Fleece-lined for greater adhesion
- Thin and consistent membrane thickness
- Excellent flexibility - no requirement for fillet or bond breakers
- Excellent resistance to tearing, cracking, bubbling, and absorption
- Fully compatible with ARDEX tiling systems

Location	External
Substrates	Concrete, plywood, CFC sheet, timber, closed cell polyurethane foam and paper-faced plasterboard
Surfaces	Floors
Coverage	Rolls of 1.4m x 20m x 1mm. Each roll covers 28m ² .
Colours	Black
Packaging	Code
Roll - 1.4m x 20m x 1mm.	16475

ARDEX MC RAPID

ONE-COAT MOISTURE
CONTROL SYSTEM



ARDEX MC Rapid is a one-coat, 100% solids epoxy moisture management system formulated to suppress excessive moisture vapour emissions in new or existing concrete prior to installing an ARDEX underlayment with flooring. Ideal for fast-track installations or to treat areas of new concrete in critical installations, such as healthcare, and institutional applications where the construction schedule does not allow adequate drying of the concrete.

Requires ARDEX Sand broadcast to create a mechanical key.

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

Location	Internal
Substrates	Concrete
Surfaces	Floors, Walls
Coverage	Minimum 18m ² per 10kg mixed unit
Colours	Black
Packaging	Code
10kg kit	12614

ARDEX ST TAPE

SELF-ADHESIVE BUTYL TAPE



ARDEX ST Tapes are uncured, self-adhesive butyl tapes used for the reinforcement of critical areas and detailing in the ARDEX WPM 155 Rapid liquid underlayment waterproofing system.

- High tear resistance
- High elasticity
- Alkali resistant

Packaging	Code
ARDEX STA Tape 2.4m x 400mm	19216
ARDEX STB Tape 15m x 75mm	16870

*ARDEX reserves the right to change packaging and weight of products at any time without notice due to production requirements.



TILING SYSTEMS



SYSTEMARDEX
PREMIUM PERFORMANCE

TILING SYSTEMS

The following pages outline the best SYSTEM ARDEX solutions for a variety of tiling situations.

These systems should only be used in conjunction with the guidance given in the current ARDEX datasheets for the individual products shown.

Detailed design datasheets are available for some of the key systems. Site specific guidance can be provided by contacting your local ARDEX representative or the ARDEX Technical Services Departments.

System #	Tiling System	Wall	Tiling Situation			Page #
			Floor	Wet Area	Dry Area	
INTERNAL TILING SYSTEM						
1	Floor Tiling to Concrete or Cement/Sand Screeds		✓	✓	✓	66
2	Floor Tiling over Timber		✓	✓	✓	67
3	Floor Tiling over Heated Concrete (Thermally Cycled)		✓	✓	✓	68
4	Floor Tiling over an Undertile Heating Cable System		✓	✓	✓	69
5	Floor Tiling over Damp Concrete or Cement Screeds		✓	✓	✓	70
6	Floor Tiling for Soundproofing		✓	✓	✓	71
7	Floor Tiling for Crack Isolation		✓	✓	✓	72
8	Wall Tiling to Concrete, Cement/Sand Renders, Plasterboard and Moisture Resistant Plasterboard	✓		✓	✓	73
9	Wall Tiling over Aerated Concrete and Concrete Blocks	✓		✓	✓	74
10	Wall Tiling over Fibre Cement Sheet	✓		✓	✓	75
11	Shower Tiling System	✓	✓	✓	✓	76
EXTERNAL TILING SYSTEM						
12	External Floor Tiling over Concrete or Cement/Sand Screeds		✓	✓		78
13	Wall Tiling to Concrete or Cement/Sand Render, Brickwork or Blockwork Walls		✓	✓		79
14	Swimming Pool Tiling System	✓	✓	✓		80



TILING SYSTEM SELECTOR

PREPARING TO TILE

All backgrounds must be rigid, clean, stable and free from any barriers to adhesion such as dust, plaster droppings, grease, paint, sealers, polish and any water softenable or loosely adhered materials. Good adhesion to a stable background is very important to guarantee the successful application of tiling.

Surfaces to be tiled must be flat and when checked with a 2m straight edge, any gap under the straight edge between points of contact with the surface should not exceed 3mm. Any small scale irregularities should be pre-smoothed before tiling.

If thicker layers need to be made up, consideration should be given to the use of the appropriate ARDEX smoothing compound. Tile adhesives should NOT be used in lieu of levelling compounds.

INTERNAL WALLS AND FLOORS

CONCRETE

Allow at least 28 days drying time prior to fixing new tiles onto new concrete. Ensure mould, oil and curing agents are removed. Prime with ARDEX Multiprime.

SAND/CEMENT RENDER

Wood float finish and prevent rapid drying of the surface for 7 days. Allow to air dry for at least one week prior to tiling. Prime with ARDEX Multiprime.

GYPSUM PLASTER

Do not use in wet or damp conditions, must be dry and at least 4 weeks old. Brush down surface prior to tiling. Where required use ARDEX Multiprime.

PLASTERBOARD

Ensure boards are rigidly braced and adequately supported; fix directly to the paper facing. Do not skim with plaster.

AERATED CONCRETE

Allow at least 6 weeks drying time for new walls before tiling or rendering. Render should not exceed 13mm in thickness. Prime render with ARDEX Multiprime.

EXISTING CERAMIC TILING

Ensure existing tiling is well adhered and can support the new tile bed. Thorough cleaning and rinsing off is essential. In dry locations where required prime with ARDEX P 9 and use ARDEX X 77.

COMPOSITE BOARDS

Check with manufacturer for guidance on dimensional stability. Priming or surface preparation may be required.

BRICKWORK

Allow new walls to dry for at least 6 weeks prior to rendering. Brickwork must be rendered prior to tile installation. Prime with ARDEX Multiprime.



CONCRETE BLOCKWORK

New walls should be built with dry blocks. Allow 6 weeks drying time before direct fixing or rendering. Blockwork should be rendered prior to tile installation. Prime render with ARDEX Multiprime.

WET LOCATIONS

Backgrounds should be water-resistant and suitable for direct fixing. Tiles should be solid bed fixed.

SAND/CEMENT SCREED

New cement and sand screeds require at least 7 weeks drying time prior to fixing tiles. Prime screed with ARDEX Multiprime.

TERRAZZO

Ensure existing terrazzo is well adhered. Thorough cleaning and rinsing off is essential; mechanical preparation may be required.

TIMBER FLOORS

Only suitable on engineered sheet timber such as plywood or particle board. Prime with ARDEX P9.

EXTERNAL WALLS AND FLOORS

CEMENT/SAND RENDER AND SCREED

Wood float finish and prevent rapid drying out. Allow to air dry for at least 7 days prior to tiling. Prime render or screed with ARDEX Multiprime.

CONCRETE

Allow at least 28 days drying time prior to fixing tiles onto new concrete. Ensure all formwork release agents are removed. Prime with ARDEX Multiprime.

EXISTING CERAMIC TILING

Ensure existing tiling is well adhered and can support the new tile bed. Tiles must be mechanically prepared in ALL external situations.

* Wet areas and dry areas are included in the systems where appropriate

BRICKWORK

Allow new walls to dry for at least 6 weeks prior to rendering. Brickwork must be rendered prior to tile installation. Prime render with ARDEX Multiprime.



TILING SYSTEM 1

Internal Floor Tiling to Concrete or Cement/Sand Screeds

1

ARDEX X 52

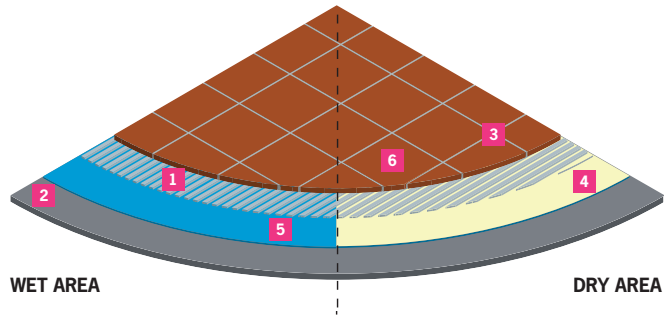
Economical Flexible Rubber Modified Tile Adhesive.

ARDEX X 18

Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.

ARDEX X 78

Premium Microtec Floor Tile Adhesive.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardez.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

If smoothing or levelling of the sub-floor is required prior to tiling the use of the appropriate ARDEX smoothing or levelling compound should be considered.

2
Cement/Sand Screed

3
ARDEX SE
Silicone.

4
ARDEX Multiprime
Water-based primer.



5
ARDEX WPM 002 OR **ARDEX WPM 155 Rapid**
Two Part Bathroom and Balcony Liquid Waterproofing Membrane. Modified Polyurethane Membrane.



6
Narrow joints: **ARDEX FS-DD** OR **ARDEX EG 15**
Standard joints: **ARDEX FG 8** Easy Clean High Performance Epoxy Grout.

TILING SYSTEM 2

Internal Floor Tiling over Timber

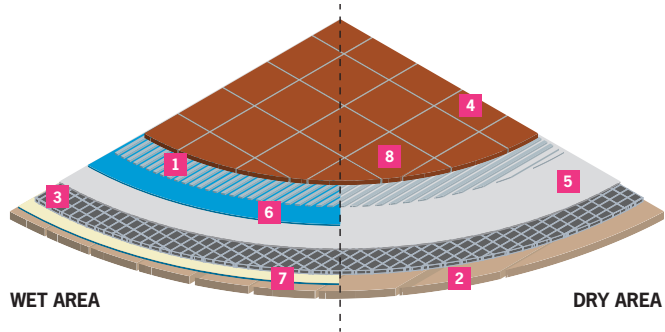
1

ARDEX X 52

Economical Flexible Rubber Modified Tile Adhesive (floor deflection must not exceed 1/500).

ARDEX X 56

Highly Flexible Tile Adhesive.



2

Timber.

3

Fibre Cement Sheet.

4

ARDEX SE
Silicone.



5

ARDEX Multiprime
Water-based primer.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.arDEX.co.nz

6

ARDEX WPM 002 OR
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.



OR

ARDEX WPM 155 Rapid
Modified Polyurethane Membrane.



7

ARDITEX NA
Universal levelling smoothing compound (inc falls for drainage in wet area).



8

Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8



+

ARDEX GROUT
BOOSTER



OR

ARDEX EG 15
Easy Clean High Performance Epoxy Grout.



NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

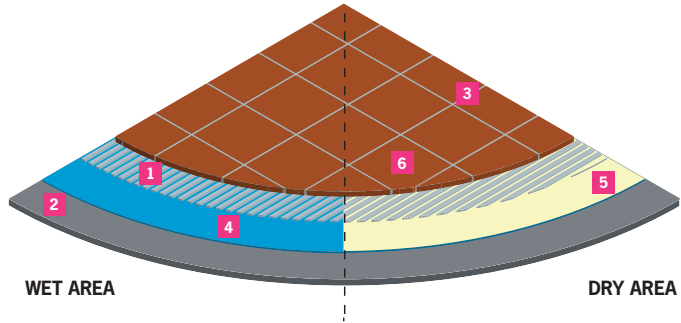
TILING SYSTEM 3

Internal Floor Tiling over Heated Concrete (Thermally Cycled)

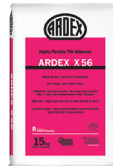
1

ARDEX X 56

Highly Flexible
Tile Adhesive.



1



2

Thermally Cycled Heated Concrete (pipes in the concrete itself). Concrete must include falls for drainage for a wet area. Contact ARDEX for more info.

3

ARDEX SE
Silicone.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.arDEX.co.nz

4



ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

OR



ARDEX WPM 155 Rapid
Modified Polyurethane Membrane.

5



ARDEX Multiprime
Water-based primer.

6



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

+

ARDEX GROUT BOOSTER

OR



ARDEX EG 15
Easy Clean High Performance Epoxy Grout.



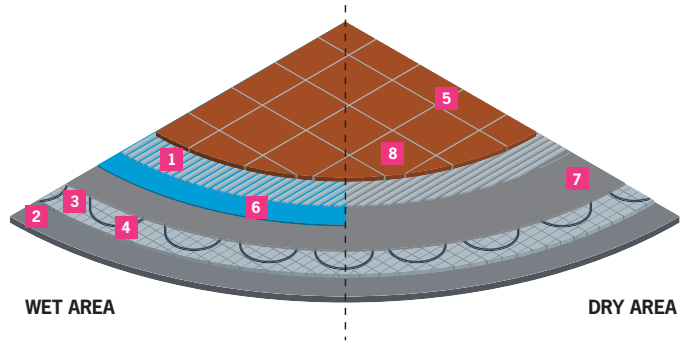
TILING SYSTEM 4

Internal Floor Tiling over an Undertile Heating Cable System

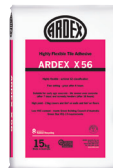
1

ARDEX X 56

Highly Flexible
Tile Adhesive.



1



2

Sand/Cement screed.

3

Insulation board.

4

Undertile cable heating system.

5



ARDEX SE
Silicone.

6



ARDEX WPM 750
Heat welded undertile sheet membrane.

7



ARDITEX NA
Pre smoothing layer of ARDITEX NA or ARDEX adhesive as shown above.

8



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

+ **ARDEX GROUT BOOSTER** **OR**



ARDEX EG 15
Easy Clean
High Performance
Epoxy Grout.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

TILING SYSTEM 5

Internal Floor Tiling over Damp Concrete or Cement Screeds

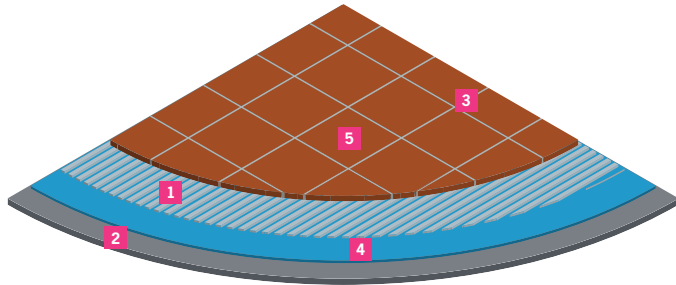
1

ARDEX X 52

Economical Flexible Rubber Modified Tile Adhesive (floor deflection must not exceed 1/500).

ARDEX X 18

Fibre Reinforced Flexible Non Slump Wall and Floor Tile Adhesive.



1



2

Damp Concrete/Cement screed.

3

ARDEX SE Silicone.



4



ARDEX WPM 300

Water-based epoxy membrane if controlling hydrostatic pressure.

OR

ARDEX PU 30

Polyurethane primer and green slab sealer if controlling construction moisture.



5



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

+

ARDEX GROUT BOOSTER

OR

ARDEX EG 15

Easy Clean High Performance Epoxy Grout.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.arDEX.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

TILING SYSTEM 6

Internal Floor Tiling for Soundproofing

1

ARDEX X 18

Fibre Reinforced Flexible Non Slump Wall and Floor Tile Adhesive.

ARDEX X 56

Highly Flexible Tile Adhesive.

2

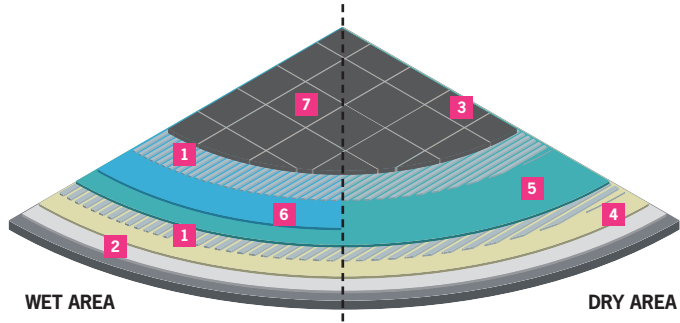
ARDEX LQ 92

Undertile Levelling Compound

- Use over a concrete substrate only
- Include falls for drainage in a wet area

ARDITEX NA

Self Levelling and Smoothing Compound- for timber substrates.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

TILING SYSTEM 7

Internal Floor Tiling for Crack Isolation and Decoupling

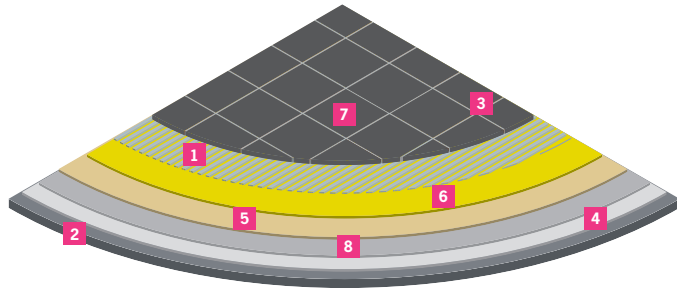
1

ARDEX X 18

Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.

ARDEX X 77

Premium Microtec Wall and Floor Tile Adhesive.



1



2

Concrete substrate.

3

ARDEX SE
Silicone.



4

ARDEX Multiprime
Water-based primer.



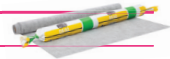
5

ARDEX AF 360
Decoupling Mat Adhesive.



6

ARDEX DS 60
Crack Isolation and
Decoupling System.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

7

Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

OR

ARDEX EG 15
Easy Clean
High Performance
Epoxy Grout.



8

ARDEX LQ 92
Undertile Levelling
Compound.



TILING SYSTEM 8

Internal Wall Tiling to Concrete, Cement/Sand Renders, Plasterboard and Moisture Resistant Plasterboard

1

ARDEX D 2

Premium Non-Slump Wall Tile Adhesive (only suitable over waterproofing for porous tiles).

ARDEX X 52

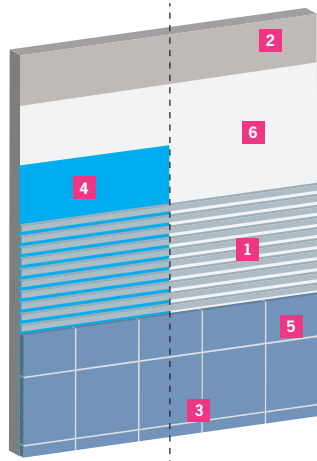
Economical Flexible Rubber Modified Tile Adhesive.

ARDEX X 18

Fibre Reinforced Flexible Non Slump Wall and Floor Tile Adhesive.

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.



WET AREA

DRY AREA



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

NOTE: The use of ARDEX waterproof coatings will only prevent moisture ingress from the tiled side of the background.

2

Cement/Sand Render or Plasterboard/Moisture Resistant Plasterboard.

3

ARDEX SE Silicone.

4

ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

OR

ARDEX WPM 155 Rapid
Modified Polyurethane Membrane.

5

Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

OR

ARDEX EG 15
Easy Clean High Performance Epoxy Grout.

6

ARDEX Multiprime
Water-based primer.

TILING SYSTEM 9

Internal Wall Tiling over Aerated Concrete and Concrete Blocks

1

ARDEX D 2

Premium Non-Slump Wall Tile Adhesive (only suitable over waterproofing for porous tiles).

ARDEX X 52

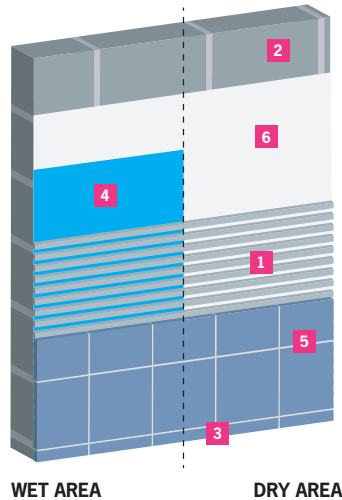
Economical Flexible Rubber Modified Tile Adhesive.

ARDEX X 56

Highly Flexible Tile Adhesive.

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

NOTE: Brick/Concrete Blockwork should always be rendered before installing tiles.

2

Aerated Concrete and Concrete Blocks.

3

ARDEX SE
Silicone.



4

ARDEX WPM 002 OR ARDEX WPM 155 Rapid
Two Part Bathroom and Balcony Liquid Waterproofing Membrane. Modified Polyurethane Membrane.



5

Narrow joints: ARDEX FS-DD OR ARDEX EG 15
Standard joints: ARDEX FG 8 Easy Clean High Performance Epoxy Grout.



6

ARDEX Multiprime
Water-based primer.



TILING SYSTEM 10

Internal Wall Tiling over Fibre Cement Sheet

1

ARDEX D 2

Premium Non-Slump Wall Tile Adhesive (only suitable over waterproofing for porous tiles).

ARDEX X 52

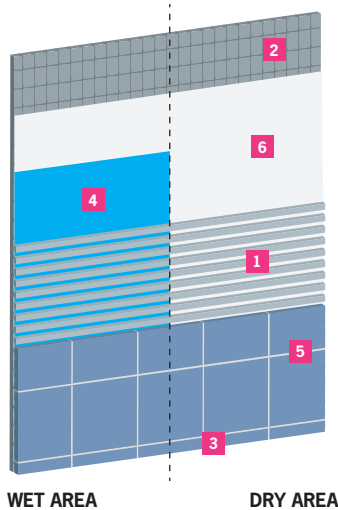
Economical Flexible Rubber Modified Tile Adhesive.

ARDEX X 18

Fibre Reinforced Flexible Non Slump Wall and Floor Tile Adhesive.

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.



2

Fibre Cement Sheet.

3

ARDEX SE
Silicone.



4

ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

OR

ARDEX WPM 155 Rapid
Modified Polyurethane Membrane.



5

Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

OR

ARDEX EG 15
Easy Clean High Performance Epoxy Grout.



6

ARDEX Multiprime
Water-based primer.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

TILING SYSTEM 11

Shower Tiling System

WALLS - PREP

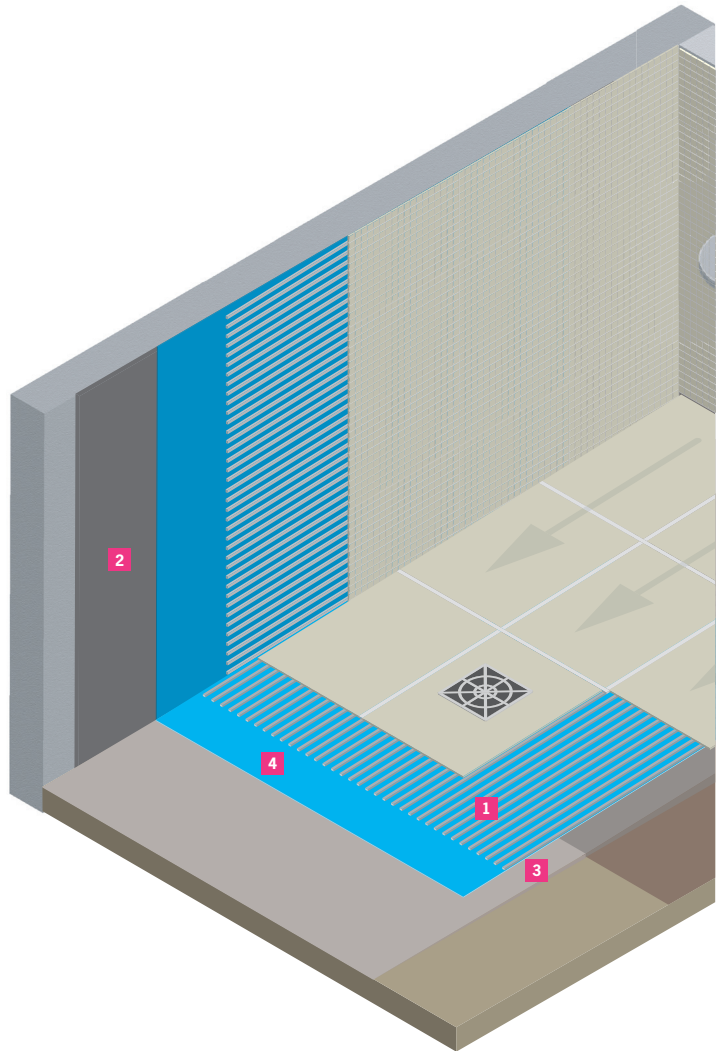
The diagram shows the use of ARDEX A 46 which is a wall render for use over concrete and masonry. At 2mm thick at 20°C you will need to wait 2 hours before tiling.

WALLS - TILE FIXING

The wall tiles or mosaics can then be fixed with ARDEX X 77 or ARDEX X 18 adhesive ensuring solid bedding is achieved.

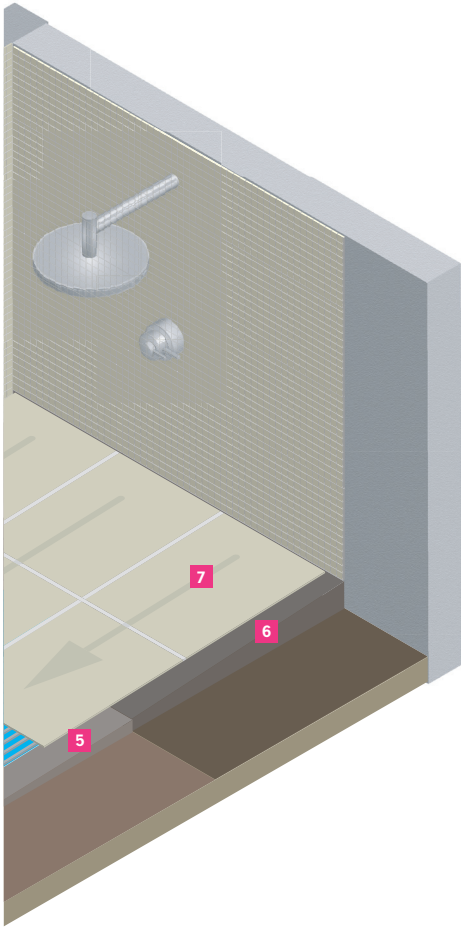
FLOORS - PREP

The diagram shows the use of ARDEX LQ 92 or ARDEX K005 to make up screed levels to falls, if required, on a concrete base prior to ceramic floor tiling. Similarly, this could be done with a screed such as ARDEX A 48.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz



1



1

ARDEX X 18

Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.

2



ARDEX A 46

External patching compound.

3



ARDEX LQ 92

Undertile levelling compound.

4



ARDEX WPM 750

Heat welded undertile sheet membrane.

OR

ARDEX WPM 155 Rapid

Modified polyurethane membrane.



5



ARDEX K 005

Bulk-fill levelling compound.

6



ARDEX A 48

Premixed, rapid-set cement screed.

7



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

+

ARDEX GROUT BOOSTER

OR

ARDEX EG 15

Easy Clean High Performance Epoxy Grout.



TILING SYSTEM 12

External Floor Tiling over Concrete or Cement/Sand Screeds

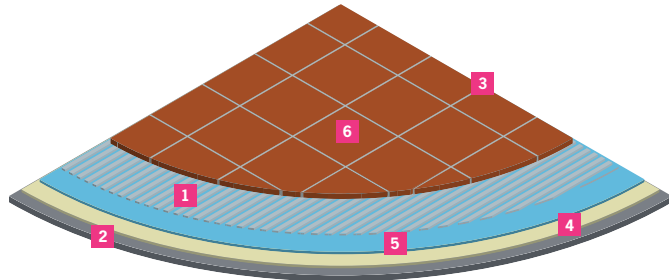
1

ARDEX X 52

Economical flexible rubber modified tile adhesive (only if there are adequate falls).

ARDEX X 18

Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.



1



2

Concrete or Cement/Sand Screed.

3

ARDEX SE
Silicone.



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

4



ARDEX Multiprime
Water-based primer.

5



ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

OR



ARDEX WPM 155 Rapid
Modified Polyurethane Membrane.

7



Narrow joints: **ARDEX FS-DD**
Standard joints: **ARDEX FG 8**

+

ARDEX GROUT BOOSTER

OR

ARDEX EG 15

Easy Clean High Performance Epoxy Grout.



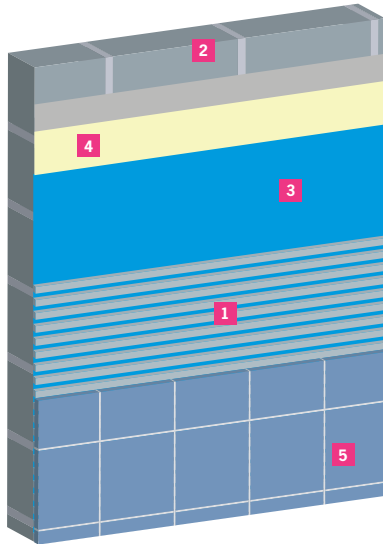
TILING SYSTEM 13

External Wall Tiling to Concrete or Cement/Sand Render, Brickwork or Blockwork Walls

1

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.



1



ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz

NOTE: Brick and blockwork must be rendered before installing tiles.

NOTE: For natural stone tiling, please refer to the 'ARDEX Natural Stone Tiling Guide'.

2

Cement/Sand Render, Brickwork or Blockwork.

3



ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

4



ARDEX Multiprime
Water-based primer.

5



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

OR

ARDEX EG 15
Easy Clean High Performance Epoxy Grout.

TILING SYSTEM 14

Swimming Pool Tiling System

WALLS - PREP

The diagram shows the use of ARDEX A 46 which is a wall render applied 2mm to 20mm thick.

WALLS - TILE FIXING

The wall tiles or mosaics can then be fixed with ARDEX X 77 or ARDEX X 18 adhesive ensuring solid bedding is achieved.

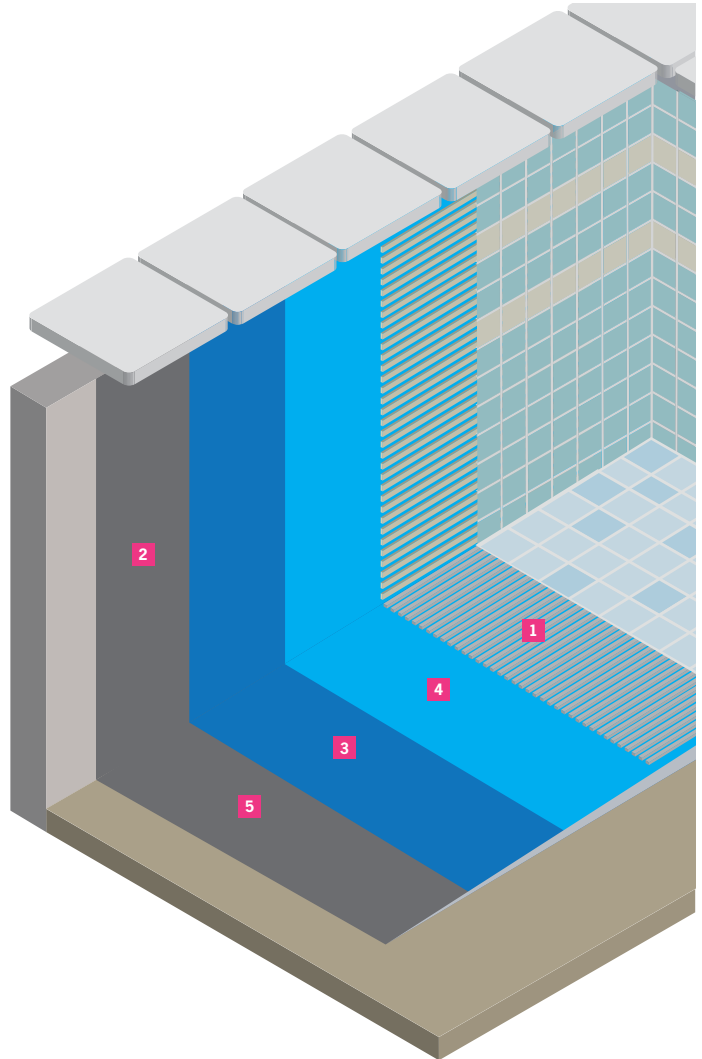
For commercial, salt water or heated pools we recommend the addition of ARDEX E 90.

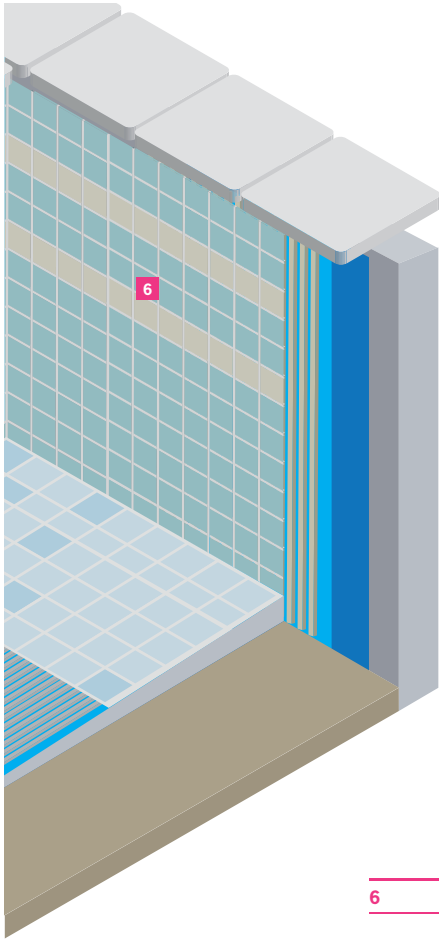
FLOORS - PREP

The diagram shows the use of ARDEX A 48 to make up screed levels to falls, if required, on a concrete base prior to ceramic floor tiling. It must be dry before waterproofing membrane is applied.

ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz





1



1

ARDEX X 18
Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.

ARDEX X 77

Microtec Flexible Wall and Floor Tile Adhesive.

ARDEX E 90

For salt water pools.



2



ARDEX A 46
External patching compound.

3



ARDEX WPM 300
Water-based epoxy membrane.

4



ARDEX WPM 002
Two Part Bathroom and Balcony Liquid Waterproofing Membrane.

5



ARDEX A 48
Premixed, rapid-set cement screed

6



Narrow joints:
ARDEX FS-DD
Standard joints:
ARDEX FG 8

+

ARDEX GROUT BOOSTER

OR

ARDEX EG 15

Easy Clean High Performance Epoxy Grout.



*ARDEX reserves the right to change packaging and weight of products at any time without notice due to production requirements.

TILING SYSTEM 15

External Tiling System

ARDEX UD 150

ARDEX UD 150 is a thin, mesh-reinforced plastic drainage mat for use under directly adhered tiled surfaces. A 6mm drainage channel allows the free passage of water underneath the tiled surface which speeds up drying after rainfall and reduces the likelihood of efflorescence build-up. ARDEX UD 150 is loose-laid over the membrane which separates the tiled surface from any movement in the substrate.

FLOORS - PREP

Install appropriate ARDEX external waterproofing membrane as per product datasheet.

Measure and cut ARDEX UD 150 matting to achieve the correct fit, placing mat with seams butted.

Install ARDEX UD 158 tape to join and reinforce all butted seams.

FLOORS - TILE FIXING

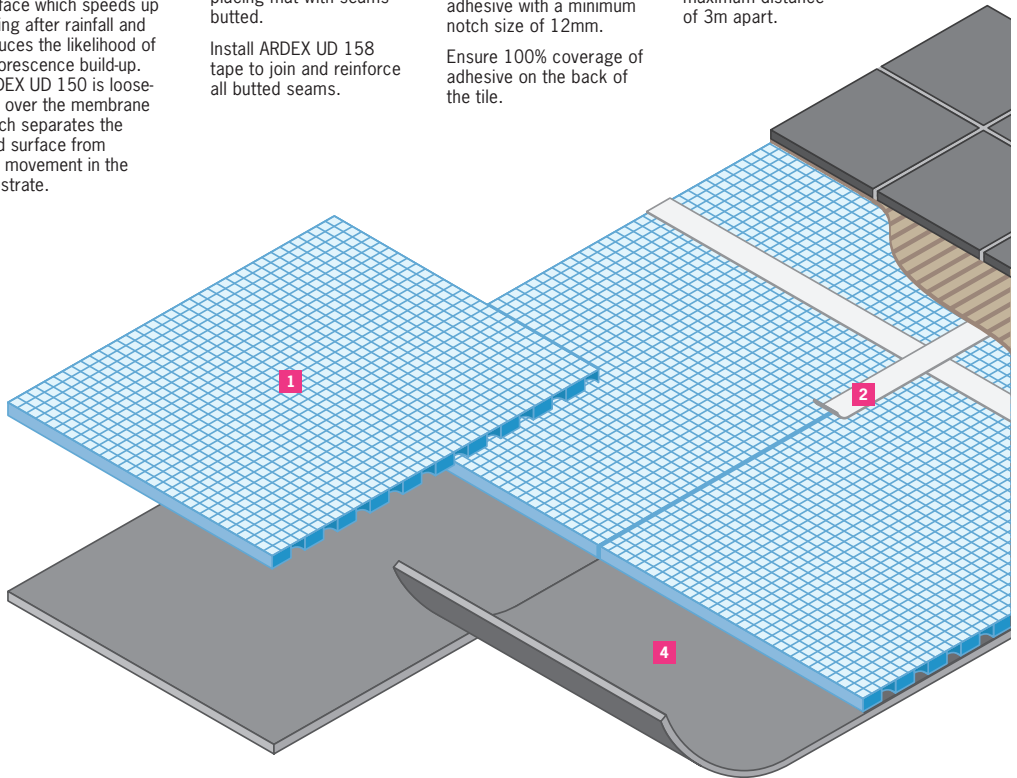
Tile using an appropriate ARDEX tile adhesive. Use a flat trowel to skim a coat of tile adhesive to the top mesh of ARDEX UD 150 ensuring that mesh is fully covered before troweling adhesive with a minimum notch size of 12mm.

Ensure 100% coverage of adhesive on the back of the tile.

FLOORS - GROUTING

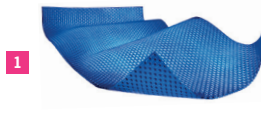
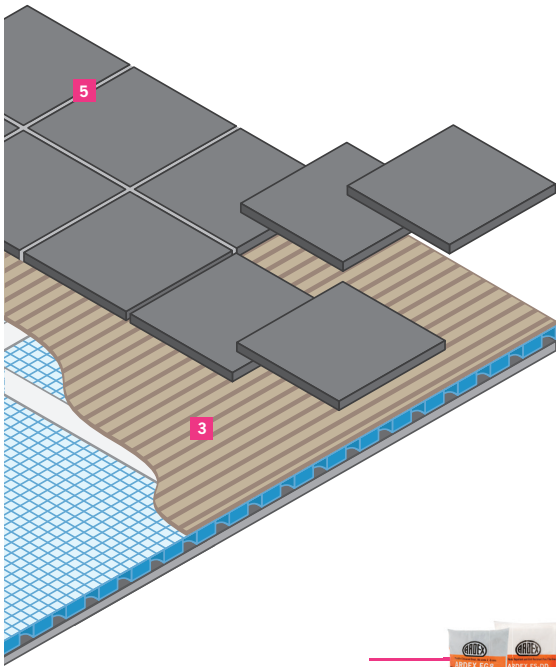
Install ARDEX Grout in accordance with the relevant datasheet. Ensure ARDEX Grout Booster used.

Install movement joints as per AS 3958 - at a maximum distance of 3m apart.

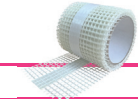


ARCHITECTS, SPECIFIERS AND DESIGNERS

For specification support and project assistance, please contact ARDEX on 0800 2 ARDEX, speak to your local ARDEX representative or visit www.ardex.co.nz



1
ARDEX UD 150
 Mesh-reinforced plastic drainage mat.



2
ARDEX UD 158
 Tape.



3
ARDEX X 18
 Fibre Reinforced Flexible Non-Slump Wall and Floor Tile Adhesive.



ARDEX X 77
 Microtec Flexible Wall and Floor Tile Adhesive.



4
WPM 1000
 External weldable undertile sheet membrane



5
 Narrow joints:
ARDEX FS-DD
 Standard joints:
ARDEX FG 8

+ **ARDEX GROUT BOOSTER**

OR



ARDEX EG 15
 Easy Clean High Performance Epoxy Grout.

*ARDEX reserves the right to change packaging and weight of products at any time without notice due to production requirements.



TILING TOOLS

Designed with the trade tiler in mind, ARDEX offers a range of tiling trowels, scrapers, construction trowels, nippers, grout and silicone tools, tile alignment tools, mixing and applications tools. All of our tiling trade tools are of the highest quality and have been tested and approved by experienced professionals.



TILING TROWELS



SIZE	DESCRIPTION	CODE
6mm Notch	Stainless Steel Square 6mm Notch Trowel	19171
8mm Notch	Stainless Steel Square 8mm Notch Trowel	19172
10mm Notch	Stainless Steel Square 10mm Notch Trowel	19173
12mm Notch	Stainless Steel Square 12mm Notch Trowel	19174
12mm Notch	Straight Edge Stainless Steel Finishing Trowel	19175
14mm Notch (400mm Long)	Stainless Steel Square 14mm Notch Trowel (extra length)	19176

TROWELS



SIZE	DESCRIPTION	CODE
200mm	Stainless Steel Gauging Trowel 200mm	16946
160mm	Stainless Steel Splash Trowel 160mm	16947
200mm	Stainless Steel Splash Trowel 200mm	16948

SCRAPERS



SIZE	DESCRIPTION	CODE
50mm	Stainless Steel Scraper 50mm	16935
75mm	Stainless Steel Scraper 75mm	16940
100mm	Stainless Steel Scraper 100mm	16936
Multi-tool Plus	Stainless Steel ARDEX Multi-tool Plus	16938
6mm Notch	Stainless Steel 6mm Notch Spreader	16939
6mm Notch	Stainless Steel Brent Wall Scraper	16945

NIPPERS



SIZE	DESCRIPTION	CODE
50mm	Straight Jaw Tile Nipper	16873
75mm	Curved Jaw Tile Nipper	16874
100mm	Combination Jaw Tile Nipper	16875
Multi-tool Plus	Pro Tile Nipper	16876
6mm Notch	Handheld Tile Cutter	16877

GROUT AND SILICONE



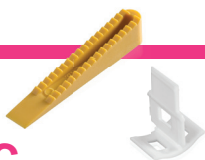
DESCRIPTION	CODE
Epoxy Grout Float	16932
Rubber Grout Float	16933
Scrubbing Sponge	16934
Micro Sponge	70428
Caulking Gun	16943
Grouting Gun	16942
Grout Saw	16909
Grout Saw Replacement Blades	16910
Silicone Applicator	8001697

TILE ALIGNMENT



SIZE	DESCRIPTION	CODE
1.5mm	Cross Spacers 1.5mm x 100 Bag	16913
1.5mm	Cross Spacers 1.5mm x 500 Bag	16914
1.5mm	Cross Spacers 1.5mm x 2000 Tub	16915
3mm	Cross Spacers 3mm x 100 Bag	16916
3mm	Cross Spacers 3mm x 500 Bag	16917
3mm	Cross Spacers 3mm x 800 Tub	16918
	Tile Wedges x 100 Bag	16919
	Tile Wedges x 500 Bag	16893
	Tile Wedges x 1500 Tub	16895

TILE LEVELLING



DESCRIPTION	CODE
Lash Levelling Clips x 100	19202
Lash Levelling Wedges x 100	19203

MIXING AND APPLICATION TOOLS



DESCRIPTION	CODE
Electric Mixer incl. Paddle	16944
Mixing Paddle	10152
Metal Suction Cup	16941
Marking Pencils	16911
White Rubber Mallet	16912
Water Gauging Bucket	11030

For more information please view the ARDEX Tiling Tools on the ARDEX website, www.ARDEX.co.nz

ISO 13007/AS4992 CE ADHESIVE CLASSIFICATION

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 opposite.

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

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.

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 New Zealand Standard, our instructions and recommendations are 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 programme. 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. ARDEX reserves the right to change packaging and weight of products at any time without notice due to production requirements.

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