ARDEX

SYSTEM**ARDEX**
PREMIUM PERFORMANCE

TILING AND SUBSTRATE PREPARATION PRODUCTS

TILING

CONTENTS

This catalogue is designed for quick reference.
Please refer to product datasheets and packaging for detailed instructions.

ABOUT ARDEX

INTRODUCTION

The Burj Khalifa, Dubai, UAE.

For more than 70 years, ARDEX has been the quality leader for an entire industry, offering engineered products and systems in the areas of: floor levelling and adhesives, tile and natural stone systems, sheet and liquid applied waterproofing membranes, general construction and decorative surfaces.

ARDEX system solutions have been making buildings better all over the world. From the Burj Khalifa in Dubai, the London Olympic Aquatic Centre, the Sydney Opera House and commercial and residential projects big and small. ARDEX systems provide reliability and support that are always tailored to the specific requirements of the project.

Strong growth and intelligent acquisitions in foreign and local markets enables the ARDEX Group to draw from a global pool of resources. This allows ARDEX to ultimately supply complete system solutions which include market leading, high quality products and services to its valued customers.

As one of the leading building material manufacturers, the ARDEX Group is represented in over 100 countries.

17+ successful brands

20+ product categories

800+ Technical & Service Personnel

ARDEX GROUP AT A GLANCE:

1949 Founded

1966 ABA Launched in Australia

3,000+ Employees

36+ Production Facilities

53+ Subsidiaries

- Production/ Warehousing
- Warehousing only

"The ARDEX Group is the leading solution and service provider of innovative building systems."

Family owned company with people of integrity that are engaged and empowered

Customer centricity via direct end user engagement

Diversifying our products, services and channels including via digital platforms

Enhancing production, quality control and product development through digital technologies

Sustainability in our processes and solutions fostering social responsibility

Unique and efficient building and construction systems through agile innovation

ARDEX AUSTRALIA – COMMITTED TO THE LOCAL MARKET

- Localised Research and Development – Formulations designed in Australia for Australian conditions
- Five local manufacturing sites – Products made close to market
- Seven distribution centres – Products available when you need them
- Local Technical Team – Support and backup wherever you are
- Customer service and sales support in every state

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. The performance leading and most commonly used ARDEX products have been tested to the Green Building Council Green Star Specification for Office Design (IEQ-11) and Office Interior (IEQ-13). ARDEX products that meet the benchmark for VOC credit in the Green Building Council of Australia's Rating Tools are marked with the following icon within this product catalogue.

LOW VOC

TECHNICAL SUPPORT 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 on the ARDEX Australia website.

Some examples include:

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

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

Technical Services Toll Free
1800 224 070 (Australia)
0800 227 339 (NZ)

Technical Data is available on the ARDEX
Website www.ardexaustralia.com and the ARDEX Australia mobile app.

ARDEXacademy
TRAINING EXCELLENCE

The building industry, like any other, requires on-going training to keep up with the changes in legislation/ standards and materials (tiles, concrete, substrates etc). ARDEX offers training for applicators as well as distributors and retailers of ARDEX product. The idea of the ARDEXacademy is to permanently share knowledge and expertise with customers.

Training is carried out by an ARDEX team of technical experts who have extensive knowledge and practical experience of the tiling, flooring, waterproofing and general construction industry. There are many courses available both on site at the state of the art ARDEX Academies, or virtual training via ARDEX Academy Online. Visit the training page at **www.ardexaustralia.com** for more information and to register. There are various courses available such as:

• ARDEX Undertile Liquid Waterproofing Accreditation Training

• ARDEX Floor Levelling Training

• ARDEX Undertile WeldTec Installation Training

• ARDEX Epoxy Grout Training

• ARDEX Retail Tile Training

• ARDEX Large Format Thin Porcelain Tile Panel Installation

24/7 RESOURCES

ON-DEMAND SPECIFICATION TOOL

The ARDEX Specification Tool provides on-demand system solutions for waterproofing, flooring, remedial or tiling scenarios. Simply answer project specific questions and a complete system recommendation, including products and application methods, are provided for immediate download.

TILE ADHESIVE SELECTOR

This selector takes the guesswork out of choosing the best tile adhesive based on tile types and project substrates.

GROUT COLOUR SELECTOR

Visualise how ARDEX grouts match up to the colours of your chosen tiles by using the ARDEX online Grout Colour Selector.

PRODUCT CALCULATORS

Never be caught short again. Find out the amount of material you will need for your project by using the instant online Product Calculator.

RESOURCES

From quick reference specification sheets, to product information papers and technical bulletins, ARDEX has a range of online resources designed to help you, no matter the size of the project.

SYSTEMS

| TILE & STONE | WATERPROOFING | FLOORING | GENERAL CONSTRUCTION | DECORATIVE SURFACES |

SYSTEM ARDEX

ARDEX is committed to developing products that are easy to use and offer high performance. ARDEX products are designed to work together for total reliability and performance. Each product is the careful result of research and development combining the input of contractors, specifiers and installers to ensure absolute product compatibility backed by a guarantee. This is System ARDEX.

TECHNICAL SUPPORT

ARDEX products are backed by a team of Technical Support Specialists and Field Professionals dedicated to one goal – eliminating guesswork, improving onsite efficiencies and taking risk out of product and system installation.

ARDEX is committed to providing the highest level of technical support – from product training to customised system recommendations.

ARDEX have a dedicated team of technical experts to help you at any stage with:
• System recommendations
• Onsite assistance and demonstrations
• Complaint investigation

WARRANTY AND QUALITY ASSURANCE

ARDEX products are generally warranted for 10–20 years when installed to relevant Australian Standards and applicable ARDEX specifications, technical data sheet and instruction for application and use.

The ARDEX Australia Guarantee or Warranty covers the:

- **Repair or replacement of the product PLUS;**
- **The costs of re-installation of the product PLUS;**
- **The costs of replacement of any immediate covering such as tiles or carpet.**

Product Warranty
A Product Warranty is applicable on all ARDEX products for a period of between 10–20 years depending on the product. ARDEX warrant that their manufactured product is free from defects as well as being suitable for the purpose for which it is intended, that is as long as it has been applied in accordance with the ARDEX published literature.

System ARDEX Warranty
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. The System ARDEX Warranty is designed for applications involving multiple ARDEX products that form a system for a particular purpose.
For example, floor surface preparation prior to laying vinyl may include up to five different ARDEX products and the total System ARDEX combination would be warranted as being free from defects, totally compatible and suitable for a particular project application.

Extended Warranty
For an extended warranty or one that includes an installation of non-standard product combinations (e.g. product combinations that are not detailed in our published data sheets) you need to contact the ARDEX Technical Services Department on 1800 224 070 prior to the installation for our best recommendations.

ADHESIVE AND GROUT CLASSIFICATION

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

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 (with minimum tensile strength of 0.5mPa within 6 hours)

T – Slip resistant adhesive (with minimum tensile strength of 0.5mPa within 6 hours)

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 theadhesive, either S1 – flexible or S2 – highly flexible)

Tile grouts are defined in two types, these are:

CG – Cementitious grouts

RG – Reaction resin grouts

Note: It is the responsibility of the contractor to check ISO 13007 for amendments.

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

Adhesive Type	Class/ Characteristics	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	A	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
CG		Normal cementitious grout (CG1)
CG	F	Fast-setting grout (CG1F)
CG	A	Normal cementitious grout with high abrasion resistance (CG1A)
CG	FA	Fast-setting grout with high abrasion resistance (CG1FA)
CG		Cementitious grout with improved characteristics (CG2)
CG	F	Fast-setting cementitious grout with improved characteristics (CG2F)
CG	FA	Fast-setting cementitious adhesive with improved characteristics and high abrasion resistance (CG2FA)
CG	FAW	Fast-setting cementitious adhesive with improved characteristics, high abrasion resistance and reduced water absorption (CG2FAW)
RG		High performance reaction resin grout (RG)

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 X 77, 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

WHAT IS MICROTEC TECHNOLOGY?

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 tiling system.

WHAT IS ARDURAPID?

ARDURAPID

ARDURAPID technology chemically utilises the mix water in building a reinforced crystalline structure guaranteeing a shrinkage free high strength system and virtually eliminating the risk of water staining.

ARDURAPID
PLUS
RAPIDRY FORMULA

Products with ARDURAPID Plus will include the added benefit of being able to be used externally.

SUSTAINABLE INNOVATION

High coverage ARDEX products cover larger surface areas with less material, which cuts down on processing, transport and packaging waste.

TILE AND STONE ADHESIVES

SELECTION TABLE – INTERNAL FLOORS

SUBSTRATE

Product	Concrete	Heated Concrete	Sand/Cement Screed	Existing Tiles	Fibre-Cement Medium Density/CTU	Fibre-Cement Compressed (Min 15mm thick)	Timber Internal (Direct application)	Undertile Waterproofing Membrane
Porous e.g. Glazed Ceramics	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex (D,G), ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68 (D), ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX S28 neu+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Optima, ARDEX X56	ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78
Low Porosity e.g. Glass Mosaics, Vitrified/Porcelain	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex (D,G), ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68 (D), ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX S28 neu+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Optima, ARDEX X56	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78
Super Large Format Thin Porcelain (>600mm)˜	ARDEX Quickbond +/- ARDEX Abalastic, ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY), ARDEX WA100, ARDEX X78 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic, ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY), ARDEX X78 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic, ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY), ARDEX WA100, ARDEX X78 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic, ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY), ARDEX WA100, ARDEX X78 +/- ARDEX E90	ARDEX WA100	ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY), ARDEX WA100, ARDEX X78 +/- ARDEX E90	ARDEX WA100	
Non-Sensitive Natural Stone# e.g. Marble/ Granite/ Slate	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex (D,G), ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68 (D), ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7, ARDEX X17, ARDEX X18, ARDEX X44, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX S28 neu+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Optima, ARDEX X56	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX X7+E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78
Translucent Marble^	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	▧	ARDEX S28 neu+E90	ARDEX Optima	ARDEX MPP, ARDEX Optima
Moisture Sensitive Natural Stone^	ARDEX Quickbond, ARDEX S28 Neu, ARDEX WA100	ARDEX Quickbond, ARDEX S28 Neu +E90, ARDEX WA100	ARDEX Quickbond, ARDEX S28 Neu +E90, ARDEX WA100	ARDEX S28 Neu +E90, ARDEX WA100	▧	ARDEX S28 neu+E90	▧	ARDEX WA100

KEY
(G) Glaze removed
(D) Dry area only
(P) Prime with ARDEX Optima/ ARDEX P82/P9
▧ Not applicable or recommended application.

Note:
All floors must have adequate falls.
Slate is not a suitable substrate to be tiled over due to its instability.
Ardex E90 must be used in addtion to listed products for sale water pools.
^Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones.
#See Technical Bulletins TB001 &TB148.
˜ See Technical Bulletins TB224
Refer to TB077 for special recommendations in dealing with Butynol®.
For other applications not listed, please contact Ardex Technical Services.

SELECTION TABLE – INTERNAL WALLS

SUBSTRATE

Product	Render	Concrete	Existing Tiles	Plasterboard	Fibre-Cement Medium Density	Undertile Waterproofing Membrane
Porous e.g. Glazed Ceramics	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex (D,G,N), ARDEX MPP (D,G), ARDEX Optima, ARDEX Quickbond (D,G,N), ARDEX S28neu (G,N), ARDEX X10 (D,G,N), ARDEX X17 (D,G,N), ARDEX X18 (D,G,N), ARDEX X44 (G), ARDEX X56 (G,N), ARDEX X68 (D,G,P), ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7+ARDEX E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68
Low Porosity e.g. Glass Mosaics, Vitrified/Porcelain	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex (D,G,N), ARDEX MPP (D,G), ARDEX Optima, ARDEX Quickbond (D,G,N), ARDEX X10 (D,G,N), ARDEX X17 (D,G,N), ARDEX X18 (D,G,N), ARDEX X44 (G), ARDEX X56 (G,N), ARDEX X68 (D,G, P), ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7 + ARDEX E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77
Super Large Format Thin Porcelain (>600mm)˜	ARDEX Quickbond +/- ARDEX Abalastic; ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY); ARDEX WA adhesive; ARDEX WA100; ARDEX X18 +/- ARDEX E90; ARDEX X77 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic; ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY); ARDEX WA adhesive; ARDEX WA100; ARDEX X18 +/- ARDEX E90; ARDEX X77 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic; ARDEX WA100; ARDEX X18 +/- ARDEX E90; ARDEX X77 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic; ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY); ARDEX WA100; ARDEX X77 +/- ARDEX E90	ARDEX Quickbond +/- ARDEX Abalastic; ARDEX S28 neu +/- ARDEX E90 (internal dry ONLY); ARDEX WA100; ARDEX X77 +/- ARDEX E90	ARDEX X77 +/- ARDEX E90
Non-Sensitive Natural Stone# e.g. Marble/ Granite/ Slate	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex (D,G,N), ARDEX MPP (D,G), ARDEX Optima, ARDEX Quickbond (D,G,N), ARDEX X10 (D,G,N), ARDEX X17 (D,G,N), ARDEX X18 (D,G,N), ARDEX X44 (G), ARDEX X56 (G,N), ARDEX X68 (D,G,P), ARDEX X77	ARDEX Abaflex, ARDEX D2, ARDEX D5, ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX Quickbond, ARDEX S28 neu, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X77	ARDEX Abaflex, ARDEX MPP, ARDEX Optima, ARDEX X7+ARDEX E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77
Translucent Marble^	ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX WA100	ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX WA100	ARDEX MPP, ARDEX Optima, ARDEX S28 neu, ARDEX WA100	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	ARDEX MPP, ARDEX Optima, ARDEX S28 neu	ARDEX MPP, ARDEX Optima
Moisture Sensitive Natural Stone^	ARDEX S28 Neu, ARDEX WA100	ARDEX S28 Neu, ARDEX WA100	ARDEX S28 Neu, ARDEX WA100	ARDEX S28 Neu, ARDEX WA100	ARDEX S28 Neu, ARDEX WA100	ARDEX WA 100

KEY
(G) Glaze removed
(D) Dry area only
(P) Prime with ARDEX P9
*Skim coat required for wet areas.

Note:
Slate is not a suitable substrate to be tiled over due to its instability.
^Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones.
#See Technical Bulletins TB001 &TB148.
˜ See Technical Bulletins TB224
For other applications not listed, please contact Ardex Technical Services.

SELECTION TABLE – EXTERNAL FLOORS

SUBSTRATE

Product	Concrete	Sand/Cement Screed	Existing Tiles	Fibre-Cement Compressed (Min 15mm thick)	Undertile Waterproofing Membrane	Swimming Pools
Porous e.g. Glazed Ceramics	ARDEX Abaflex, ARDEX Isoflex 2 Part, ARDEX Optima, ARDEX Quickbond +ARDEX Abalastic, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX Isoflex 2 Part, ARDEX Optima, ARDEX Quickbond +ARDEX Abalastic, ARDEX X7, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X44, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Optima, ARDEX X56 (P, G, N), ARDEX X77, ARDEX X78 + ARDEX E90 (G,N)	ARDEX Abaflex, ARDEX Optima, ARDEX X10 +ARDEX E89, ARDEX X17 +ARDEX E90, ARDEX X18 +ARDEX E90, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Abaflex, ARDEX Optima, ARDEX Quickbond +ARDEX Abalastic, ARDEX X7 + ARDEX E90, ARDEX X10, ARDEX X17, ARDEX X18, ARDEX X42, ARDEX X52, ARDEX X56, ARDEX X68, ARDEX X77, ARDEX X78	ARDEX Optima, ARDEX X7 + ARDEX E90, ARDEX X18 + ARDEX E90*, ARDEX X68 + ARDEX E90*, ARDEX X77
Porous e.g. Monocottura, Bicottura	Abaflex, ARDEX X7, ARDEX X52, ARDEX X18, ARDEX X17, ARDEX X10, ARDEX X44	Abaflex, Isoflex ARDEX X7, ARDEX X52, ARDEX X10, ARDEX X44, ARDEX X18	Abaflex (P)(G)(N), ARDEX X78 (G)(N), ARDEX Optima (G)(N), ARDEX X77 (G)(N), ARDEX X18 (P) (G)(N),	Abaflex, ARDEX X52 + E90, ARDEX X77 + E90, ARDEX X10 + E90, ARDEX X17 + E90, ARDEX X18 + E90, ARDEX X78 + E90	Abaflex, ARDEX X7, ARDEX X52 +E90, ARDEX X77 + E90, ARDEX X18 + E90, ARDEX X78 + E90, ARDEX X10 + E90, ARDEX X17	ARDEX X18, ARDEX X77 + E90, ARDEX Optima
Porous e.g. Ceramic, Ceramic Mosaics	Abaflex, ARDEX X7, ARDEX X52, ARDEX X18, ARDEX X17, ARDEX X10, ARDEX X44	Abaflex, Isoflex ARDEX X7, ARDEX X52, ARDEX X10, ARDEX X44	Abaflex (P)(G)(N), ARDEX X78 (G)(N), ARDEX Optima (G)(N), ARDEX X77 (G)(N), ARDEX X18 (P) (G)(N),	Abaflex, ARDEX X52 + E90, ARDEX X77 + E90, ARDEX X10 + E90, ARDEX X17 + E90, ARDEX X18 + E90, ARDEX X78 + E90	Abaflex, ARDEX X7, ARDEX X52 +E90, ARDEX X77 + E90, ARDEX X18 + E90, ARDEX X78 + E90, ARDEX X10 + E90, ARDEX X17	ARDEX X18, ARDEX X77 + E90, ARDEX Optima
Low Porosity e.g. Glass Mosaics	Abaflex, ARDEX X7, ARDEX X77, ARDEX X18, ARDEX X17, ARDEX X10 + E90	Abaflex, ARDEX X7, ARDEX X10 + E90	Abaflex (P)(G)(N), ARDEX X78 (G)(N), ARDEX Optima (G)(N), ARDEX X77, ARDEX X18 (P)	Abaflex, ARDEX X10+ E90 ARDEX X77 + E90, ARDEX X56 + E90, ARDEX X17 + E90, ARDEX X18, ARDEX X78	Abaflex, ARDEX X7, ARDEX X18 + E90, ARDEX X77 + E90, ARDEX X78 + E90, ARDEX X10 + E90, ARDEX X17	ARDEX X18, ARDEX X77 + E90, ARDEX Optima
Low Porosity e.g. Vitrified/ Porcelain	Abaflex, ARDEX X7, ARDEX X52, ARDEX X10, ARDEX X44 Isoflex	Abaflex, Isoflex ARDEX X7, ARDEX X52, ARDEX X10, ARDEX X44, ARDEX X18	ARDEX X78 (G)(N), ARDEX Optima (G)(N)	Abaflex, ARDEX X52 + E90, ARDEX X77 + E90, ARDEX X10 + E90, ARDEX X17 + E90, ARDEX X18 + E90, ARDEX X56 + E90, ARDEX X78 + E90	Abaflex, ARDEX X7, ARDEX X52 + E90, ARDEX X18 + E90, ARDEX X10 + E90, ARDEX X77 + E90, ARDEX X78 + E90 ARDEX X17	ARDEX X18, ARDEX X77 + E90, ARDEX Optima
Non-Sensitive Natural Stone# e.g. Marble/ Granite	Abaflex, ARDEX X7, ARDEX X52, ARDEX X10	Abaflex, ARDEX X7, ARDEX X52, ARDEX X10	ARDEX X77 (G)(N), ARDEX X78 (G)(N), ARDEX Optima (G)(N)	Abaflex, ARDEX X52 + E90, ARDEX X77 + E90, ARDEX X10 + E90, ARDEX X17 + E90, ARDEX X18 +E90, ARDEX X78 + E90	Abaflex, ARDEX X7, ARDEX X52 + E90, ARDEX X18 + E90, ARDEX X10 + E90, ARDEX X77 + E90, ARDEX X17	ARDEX Optima, ARDEX X18, ARDEX X77 + E90
Translucent Marble^	ARDEX Optima	ARDEX Optima	ARDEX Optima (G)(N), ARDEX X78 (G)(N)	ARDEX Abapoxy, ARDEX X18 + E90, ARDEX X77 + E90, ARDEX X78 + E90, ARDEX Optima	ARDEX Optima, ARDEX X18 + E90, ARDEX X77 + E90, ARDEX X78 + E90,	ARDEX X18, ARDEX Optima
Moisture Sensitive Natural Stone^	ARDEX WA 100	ARDEX WA 100		ARDEX WA 100	ARDEX WA 100	🟥

KEY
(G) Glaze removed
(D) Dry area only
(N) Not permanently immersed
(P) Prime with P9
🟥 Not applicable or recommended application.

Note: All floors must have adequate falls. Slate is not a suitable substrate to be tiled over due to its instability. E90 must be used in addition to listed products for salt water pools. ^ Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones. For other applications not listed, please contact ABA Technical Services. # See Technical Bulletins TB001 & TB148. Refer to Technical Bulletin TB077 for special recommendations in dealing with Butynol®. For other applications not listed, please contact ABA Technical Services.

SELECTION TABLE – EXTERNAL WALLS

SUBSTRATE

Product	Render	Concrete	Fibreglass (Pool waterline after mechanically prepared)	JH Easylap FC Cladding BGC Stonesheet	Undertile Waterproofing Membrane	Swimming Pools
Porous e.g. Monocottura, Bicottura	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10, ARDEX 18, ARDEX X77	ARDEX Optima, ARDEX WA 100	ARDEX X77 + E90, ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX X77 + E90, ARDEX Optima, ARDEX X18, ARDEX WA 100
Porous e.g. Ceramic, Ceramic Mosaics	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX Optima, ARDEX WA 100	ARDEX X77 + E90, ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX X77 + E90, ARDEX Optima, ARDEX X18, ARDEX WA 100
Low Porosity e.g. Glass Mosaics	Abaflex, ARDEX X10 + E90, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX Optima, ARDEX WA 100	ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100	Abaflex, ARDEX X18, ARDEX X77, ARDEX X10 + E 90	ARDEX X77 + E90, ARDEX Optima, ARDEX WA 100
Low Porosity e.g. Vitrified/ Porcelain	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX Optima, ARDEX WA 100	ARDEX X77+E90, ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100	Abaflex, ARDEX X77, ARDEX X10	ARDEX X77 + E90, ARDEX Optima, ARDEX WA 100
Non-Sensitive Natural Stone# e.g. Marble/ Granite	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	ARDEX Optima, ARDEX WA 100	ARDEX X77+E90, ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100,	Abaflex, ARDEX X18, ARDEX X77, Super Fortiset	ARDEX X77 + E90, ARDEX Optima, ARDEX WA 100
Translucent Marble^	ARDEX Optima, ARDEX WA 100	ARDEX Optima, ARDEX WA 100	ARDEX Optima, ARDEX WA 100	ARDEX Optima, ARDEX X18 + E90, ARDEX WA 100	ARDEX Optima, ARDEX WA 100	ARDEX Optima, ARDEX WA 100
Moisture Sensitive Natural Stone^	ARDEX WA 100	ARDEX WA 100	ARDEX Optima, ARDEX WA 100	ARDEX WA 100	ARDEX WA 100	🟥
Slates Always conduct a trial application	Abaflex, ARDEX X10, ARDEX X18, ARDEX X77	Abaflex, ARDEX X10	ARDEX Optima, ARDEX WA 100	ARDEX X77 + E90, ARDEX Optima, ARDEX X18 + E90	Abaflex, ARDEX X18, ARDEX X77	ARDEX X77 + E90, ARDEX Optima, ARDEX WA 100

KEY
🟥 Not applicable or recommended application.

Note: All floors must have adequate falls.
Slate is not a suitable substrate to be tiled over due to its instability.
E90 must be used in addition to listed products for salt water pools.
^ Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones. For other applications not listed, please contact ABA Technical Services.
# See Technical Bulletins TB001 & TB148

CHOOSE YOUR SOLUTION

ARDEX offers a complete product offering, enabling customers to choose the right product based on their specific needs. From entry level products and workhorses through to benchmark premium products, solutions for all price and performance requirements are available.

TILING SYSTEMS

ARDEX provides intelligent and trusted system solutions for every aspect of tiling, from mosaic to large format tiling. For tile and natural stone installations – indoors and outdoors – domestic and commercial projects, ARDEX tile and stone installation systems include products for levelling and preparing difficult substrates, under tile waterproofing, a range of liquid and sheet membranes, tile adhesives, cement and epoxy grouts, silicones, sealers and cleaners.

PREMIUM POLYMER MODIFIED FLEXIBLE TILE ADHESIVE

ARDEX X78
LOW VOC

MICROTEC TECHNOLOGY

ARDEX X78 is a high performance, fibre reinforced, polymer modified floor tile adhesive, formulated with Microtec Technology. It has double extended open time and non lipping capabilities, making it the only choice for heavy, large format floor tiles.

- Water and frost resistant
- Reduced chance of efflorescence due to the addition of special additives

(CONFORMS TO ISO 13007 — C2 E(E) S1)

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

SUBSTRATES
- Cement render/screeds, concrete
- Fibre-cement sheet, compressed fibre-cement sheet, plasterboard
- ARDEX liquid applied undertile waterproofing membranes
- Existing ceramic tiles after skim coat if glaze not removed in internal wet areas
- Autoclaved Aerated Concrete (AAC)

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

SURFACES
Floors

COLOURS
Off White

COVERAGE
Floors: 6.5m² per 20kg

PACKAGING / CODE
20kg — 11314

PREMIUM MICROTEC FLEXIBLE WALL AND FLOOR TILE ADHESIVE

ARDEX X77
LOW VOC

MICROTEC TECHNOLOGY

ARDEX X77 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

(CONFORMS TO ISO 13007 — C2 TT(E(E) S1)

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 walls
- Existing ceramic tiles
- Autoclaved Aerated Concrete (AAC)
- ARDEX DS 40

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

SURFACES
Floors, Walls

COLOURS
Off White

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

PACKAGING / CODE
15kg — 10229

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

FIBRE REINFORCED FLEXIBLE NON SLUMP WALL & FLOOR TILE ADHESIVE

ARDEX X 18
LOW VOC

SYNTHETIC FIBRE REINFORCEMENT

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.

- Excellent workability with low sand content
- Fibre reinforced for extra strength
- Extended open time

CONFORMS TO ISO 13007 · C2 TE S1

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

SUBSTRATES
- Concrete, renders, screeds
- ARDEX liquid applied undertile waterproofing membranes
- Fibre-cement sheet, plasterboard walls
- Existing ceramic tiles (where glaze is removed)
- CTU (Ceramic Tile Underlay) over timber

LOCATION
Internal, External
(Suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
White

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

PACKAGING	CODE
5kg	24789
20kg	16641

FLEXIBLE NON SLUMP WALL AND FLOOR TILE ADHESIVE

ARDEX X 17
LOW VOC

ARDEX X 17 is a white polymer fortified cement-based wall and floor tile adhesive that has been specially formulated with mastic type properties.

- Great workability with low sand content
- Extended open time
- Non slump - ideal for large format and heavy tiles

CONFORMS TO ISO 13007 · C2 TE S1

TILE TYPES
Fully vitrified and ceramic tiles, porcelain, natural stones (excluding moisture sensitive) and mosaics.

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

LOCATION
Internal, External
(Suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
White

COVERAGE
Walls: 10m² per 20kg
Floors: 6m² per 20kg

PACKAGING	CODE
20kg	25276

FLEXIBLE NON SLUMP WALL AND FLOOR TILE ADHESIVE

ARDEX X 10
LOW VOC

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

- Extended open time
- Good workability with low sand content
- Non slump - ideal for large format and heavy tiles

CONFORMS TO ISO 13007 · C1 TE S1

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

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

LOCATION
Internal, External
(Not suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
White

COVERAGE
Walls: 8m² per 20kg
Floors: 6m² per 20kg

PACKAGING	CODE
20kg	10223

WALL AND FLOOR TILE ADHESIVE

ARDEX X 7
LOW VOC

ARDEX X 7 is a white cement based wall and floor tile adhesive.

- High performance thin bed mortar
- Improved workability
- Weather resistant
- Suitable for use over green bonded screed after 24 hours

CONFORMS TO ISO 13007 · C1 TE

TILE TYPES
Ceramic tiles, natural stone (excl. moisture sensitive), glass mosaics and porcelain.

SUBSTRATES
- Concrete, cement renders, screeds
- Fibre-cement sheet, plasterboard (mix with ARDEX E90)
- Heated slabs (mix with ARDEX E90)
- ARDEX/Undertile liquid applied waterproofing membranes (mix with ARDEX E90)
- Concrete swimming pools (mix with ARDEX E90)

LOCATION
Internal, External
(Mix with ARDEX E 90 when tiling externally. Not suitable for swimming pools.)

SURFACES
Floors, Walls

COLOURS
White

COVERAGE
Floors: 7m² per 20kg
Walls: 10m² per 20kg

PACKAGING	CODE
20kg	10059

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

EXTENDED COVERAGE FLEXIBLE NON SLUMP ULTRALIGHT TILE ADHESIVE

ARDEX X68
LOW VOC

SUSTAINABLE INNOVATION

ARDEX X68 is a superior white polymer fortified cement-based wall and floor tile adhesive, that has been specially formulated to offer extended coverage.

- Has an extended open time, is non slump and flexible
- Environmentally sustainable sand free formula
- Ultralight formula, light to spread, light to move around

CONFORMS TO ISO 13007 — C2 TE S1

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

SUBSTRATES
- Concrete, renders, screeds
- Fibre-cement sheet, plasterboard walls
- Compressed Fibre Cement Sheet on floors
- Existing ceramic tiles (internal dry areas)
- ARDEX liquid applied undertile waterproofing membranes
- CTU (Ceramic Tile Underlay) over particleboard and plywood timber floors

LOCATION
Internal, External
(Suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
White

COVERAGE
Walls: 10.5m² per 11kg
Floors: 7m² per 11kg

PACKAGING	CODE
11kg	32465

MULTIPURPOSE ADHESIVE POWDER FOR WALL AND FLOOR TILES

ARDEX MPP
LOW VOC

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

CONFORMS TO ISO 13007 — C1 E S2

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

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

LOCATION
Internal
(Not suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
White

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

PACKAGING	CODE
20kg	10471

HIGHLY FLEXIBLE TILE ADHESIVE

ARDEX X56
LOW VOC

Commitment to Rubber Recycling

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 setting – grout after 4 hours

CONFORMS TO ISO 13007 — C1 E S2

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

SUBSTRATES
- Concrete, renders, screeds
- Internal timber (particleboard, plywood, mdf, cork) (priming required with ARDEX Optima or ARDEX P82) with the exception of unbonded timber
- 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 to commercial floors subject to heavy traffic)

SURFACES
Floors, Walls

COLOURS
Light Grey

COVERAGE
Floors: 6m² per 15kg
Walls: 8m² per 15kg

PACKAGING	CODE
15kg	10227

PREMIUM POLYMER MODIFIED FLEXIBLE TILE ADHESIVE

ARDEX ABAFLEX
LOW VOC

ARDEX ABAFLEX 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/ screeds and renders

CONFORMS TO ISO 13007 — C2 T S1

TILE TYPES
Porcelain, mosaics, fully vitrified, ceramic tiles, glass and porcelain mosaics, natural stone (excluding moisture sensitive).

SUBSTRATES
- Concrete, renders, screeds
- ARDEX liquid applied undertile waterproofing membranes
- Fibre-cement sheet, plasterboard walls
- Existing ceramic tiles (where glaze is removed)
- CTU (Ceramic Tile Underlay) over timber

LOCATION
Internal, External
(Not suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
Off White

COVERAGE
Walls: 7m² per 20kg
Floors: 5m² per 20kg

PACKAGING	CODE
20kg	10030

ECONOMICAL FLEXIBLE RUBBER MODIFIED TILE ADHESIVE

ARDEX X 52

LOW VOC ★

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

CONFORMS TO ISO 13007
C2 FTE S1

TILE TYPES

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

SUBSTRATES

- �® Concrete, renders, screeds
- �® Fibre-cement sheet, plasterboard walls
- �® 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

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

PACKAGING	CODE
20kg	10226

SUPER COVERAGE FLEXIBLE RUBBER MODIFIED TILE ADHESIVE

ARDEX X 51

LOW VOC ★   Commitment to **Rubber Recycling**

Economical rubber modified adhesive for fixing a range of tile types

- Fast drying
- Improved workability
- Flexible
- Suitable for use over green screed

CONFORMS TO ISO 13007
C1 TE S1

TILE TYPES

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

SUBSTRATES

- �® Concrete, cement renders, screeds
- �® Fibre-cement sheet, plasterboard walls
- �® ARDEX/Undertile liquid applied waterproofing membranes

LOCATION

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

SURFACES

Floors, Walls

COLOURS

Off White

COVERAGE

Floors: 9m² per 15kg
Walls: 14m² per 15kg

PACKAGING	CODE
15kg	23244

FLEXIBLE RUBBER MODIFIED WALL & FLOOR TILE ADHESIVE

ARDEX X 44

TROPICAL FORMULA   *CONFORMS TO ISO 13007* **C2** E S1

ARDEX X 44 Tropical Glue is a rubber modified wall and floor tile adhesive for fixing ceramic tiles in internal and external locations. Specially formulated for improved working and applications in tropical climates.

- �® Flexible
- �® Rubber modified
- �® High yield

TILE TYPES

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

SUBSTRATES

- �® Concrete, renders, screeds
- �® Medium density fibre cement sheet
- �® Existing ceramic tiles (internal only)
- �® Plasterboard

LOCATION

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

SURFACES

Floors, Walls

COLOURS

Off White

COVERAGE

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

PACKAGING	CODE
20kg	37049

RUBBER MODIFIED WALL & FLOOR TILE ADHESIVE

ARDEX X 42

LOW VOC ★   *CONFORMS TO ISO 13007* **C1** S1

ARDEX X 42 is a rubber modified wall and floor tile adhesive for fixing ceramic tiles in both interior and covered exterior (with satisfactory falls) locations.

- �® Excellent coverage
- �® Rubber modified
- �® Easy to use

TILE TYPES

Ceramic tiles, non-moisture sensitive marble, slate, granite, mosaics and porcelain.

SUBSTRATES

- �® Concrete, renders, screeds
- �® Medium density fibre cement sheet (internal walls only)
- �® Plasterboard
- �® ARDEX liquid applied undertile waterpoofing membrane

LOCATION

Internal, Covered External
(Not suitable for continuous immersion applications e.g. swimming pools)

SURFACES

Floors, Walls

COLOURS

Off White

COVERAGE

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

PACKAGING	CODE
20kg	37148

MICROTEC LARGE FORMAT AND STONE TILE ADHESIVE

ARDEX S 28 neu
LOW VOC

MICROTEC TECHNOLOGY

ARDURAPID

Rapid Hardening and Rapid Drying Large Format and Stone Tile Adhesive. ARDURAPID technology for installing natural stones and very large format tiles.

- Rapid drying – can be trafficked and grouted 3 hours after fixing
- Reduced risk of water staining, warping and curling
- Microtec technology improves adhesive strength

CONFORMS TO ISO 13007 **C2** FTE S1

TILE TYPES
Fully vitrified and ceramic tiles, porcelain, concrete stone tiles.

SUBSTRATES
- Concrete, renders/screeds
- Medium density fibre cement sheets on walls and plasterboard sheet
- Existing ceramics
- Autoclaved aerated concrete (AAC)
- Compressed fibre-cement sheet on floors (with ARDEX E90)
- Heated Floors

LOCATION
Internal
(Not suitable for areas that are permanently wet or continuous immersion applications. e.g. swimming pools)

SURFACES
Floors, Walls

COLOURS
White

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

PACKAGING / CODE
PACKAGING	CODE
20kg	22740

QUICK SETTING TILE ADHESIVE

ARDEX QUICKBOND
LOW VOC

ARDEX Quickbond is a fast setting, polymer modified adhesive with extended pot life and workability.

- Fast setting – grout after 2.5 to 3 hours
- Good workability and pot life (approximately 45 minutes)

CONFORMS TO ISO 13007 **C1** F T

TILE TYPES
Ceramic tiles, mosaics, fully vitrified tiles, porcelain and natural stone.

SUBSTRATES
- Concrete, renders, screeds
- Internal existing ceramic tiles (mechanically remove the glaze)
- ARDEX undertile liquid applied waterproofing membranes (Mix with ARDEX Abalastic when using over heated slabs in external situations or when movement is anticipated)

LOCATION
Internal, External
(Not suitable for swimming pools)

SURFACES
Floors, Walls

COLOURS
Off White

COVERAGE
Floors: 6m² per 20kg
Walls: 9m² per 20kg

PACKAGING / CODE
PACKAGING	CODE
20kg	10521

TWO PART PREMIUM TILE ADHESIVE

ARDEX OPTIMA
LOW VOC

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 for internal situations
- Highly water resistant
- High initial grab
- Highly flexible – achieves S2 classification

CONFORMS TO ISO 13007 **C2** T S2

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

SUBSTRATES
- Rendered brick and blockwork
- Tilt up and pre cast concrete
- Concrete, renders, screeds, 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

PACKAGING / CODE
PACKAGING	CODE
Mini Kit: 1.7kg liquid, 5kg powder	10473
Large Kit: 10kg liquid, 6 x 5kg powder	8000029

TWO PART FLEXIBLE UNDERLAY/ ADHESIVE FOR WALL & FLOOR TILE

ARDEX ISOFLEX
LOW VOC

ARDEX Isoflex is 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

CONFORMS TO ISO 13007 **C1** E S2

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

SUBSTRATES
- Internal timber (particleboard, plywood, cork) (priming required with ARDEX Optima or ARDEX P 82) with the exception of unbonded timber. Contact ARDEX for oil rich timbers
- Concrete, renders, screeds, aerated concrete
- Fibre-cement sheet, plasterboard
- Internal existing ceramic tiles, where glaze is removed in dry areas
- 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

PACKAGING / CODE
PACKAGING	CODE
20kg liquid/2 x 20kg powder	8000027

PREMIUM NON SLUMP WALL TILE ADHESIVE

ARDEX D2
LOW VOC

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

CONFORMS TO ISO 13007 D2 TE

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

SUBSTRATES
- Cement render, concrete walls
- Fibre-cement sheet, plasterboard walls
- 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: 9m² to 11m² per 22kg

PACKAGING / CODE
PACKAGING	CODE
5.5kg	10073
22kg	10072

READY MIXED WALL TILE ADHESIVE

ARDEX D5
LOW VOC

ARDEX D5 is a white, ready mixed, thin bed, interior wall tile adhesive for fixing ceramic tiles, non-moisture sensitive natural stones and mosaics.

- Extended open time
- Smooth and viscous consistency that is easy to work and trowel
- ARDEX D5 is white – suitable for use with translucent tiles
- Accomodates limited building movement

CONFORMS TO ISO 13007 D1 TE

TILE TYPES
Ceramic wall tiles, natural stone (excluding moisture sensitive stone) and glass mosaics.

SUBSTRATES
- Cement render, concrete walls
- Fibre-cement sheet, plasterboard walls
- 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

SURFACES
Walls

COLOURS
White

COVERAGE
Walls: 11m² per 20kg

PACKAGING / CODE
PACKAGING	CODE
20kg	22742

MULTIPURPOSE CONSTRUCTION ADHESIVE AND SEALANT

ARDEX CA 20 P
LOW VOC

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 minor short term 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 where not exposed to chemically treated water)

SURFACES
Floors, Walls

COLOURS
White, Black

PACKAGING / CODE
PACKAGING	CODE
310mL cartridge	10068 (white)
	12923 (black)

TWO PART EPOXY ADHESIVE FOR NATURAL STONE

ARDEX WA 100
LOW VOC

ARDEX WA 100 is a high strength two part epoxy stone adhesive that exhibits superior bond strength. It is specially designed for fixing natural stone such as marble and granite, including those sensitive to moisture. It can also be used for the fixing and bedding of natural stone on walls, bench tops and stair risers.

- Smooth, easy to blend consistency
- Non slump capability
- Capable of withstanding shock and vibration movements
- Good chemical resistance – use in swimming pools

CONFORMS TO ISO 13007 R2 T

TILE TYPES
All types of natural stone, plus fully vitrified, ceramic and porcelain tiles.

SUBSTRATES
- Concrete, renders, screeds
- Medium density fibre-cement sheet, plasterboard
- Existing ceramic and stone tiles
- Autoclaved aerated concrete (AAC)
- Rendered brick and blockwork
- Internal timber

LOCATION
Internal, External

SURFACES
Floors, Walls

COLOURS
Creamy White

COVERAGE
20L unit covers approximately 15m² at 1mm bed thickness

PACKAGING / CODE
PACKAGING	CODE
20L Kit (2 x 10L liquid)	8001780

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

ADMIX FOR ARDEX CEMENT-BASED TILE ADHESIVES

ARDEX E 90
LOW VOC

ARDEX E 90 is a special synthetic dispersion additive for use in conjunction with ARDEX cement-based adhesives, such as ARDEX S 28 Neu and ARDEX STS 8.

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

LOCATION
Internal, External

SURFACES
Floors, Walls

COLOURS
White

PACKAGING	CODE
3.6kg	10076
20kg	10075

LIQUID POLYMER ADDITIVE FOR ARDEX ADHESIVES & COMPOUNDS

ARDEX ABALASTIC
LOW VOC

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
- Mix with ARDEX LQ 92 when incorporating heating wires into topping

LOCATION
Internal, External

SURFACES
Floors, Walls

COLOURS
White

PACKAGING	CODE
20L	10064

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

GROUT AND SILICONE

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

EASY CLEAN HIGH PERFORMANCE EPOXY GROUT

ARDEX EG 15
LOW VOC ★

ARDEX EG 15 is a high performance epoxy grout designed for situations that require strict standards of hygiene, high chemical and physical resistance.

- Exceptionally easy clean off, 100% solids epoxy grout
- Adjustable viscosity to suit application conditions
- Solvent free, environmentally friendly

CONFORMS TO ISO 13007 RG1

JOINT WIDTH

1.5 to 15mm

TILE TYPES

Ceramic and procelain 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

See Colour Guide on page 43

COVERAGE

See Coverage Chart on page 42

PACKAGING

1L Part A, 500mL Part B, 5kg Colour Pack

EASY TO USE EPOXY GROUT AND ADHESIVE

ARDEX WA
LOW VOC ★

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

CONFORMS TO ISO 13007 RG1

JOINT WIDTH

2mm to 15mm

TILE TYPES

Ceramic and porcelain tiles, terrazzo, slate, quarry tiles, glass and non-moisture sensitive.

LOCATION

Internal, External
(Suitable for use in swimming pools and immersed applications)

SURFACES

Floors, Walls

COLOURS

See Colour Guide on page 44

COVERAGE

See Coverage Chart on page 42

PACKAGING	CODE
Pre-gauged 4kg units	10183 (Grey)
	10184 (White)
	12572 (Black)

SOLVENT FREE WATER WASHABLE INDUSTRIAL EPOXY GROUT

ARDEX EG 900C

ARDEX EG 900C is a high performance, solvent free, water washable epoxy grout designed for situations where outstanding chemical resistance and superior strength are required. Is a 100% solids epoxy grout.

- Use where outstanding chemical resistance and superior strength are required
- Exceptionally easy clean off with water, no solvent required
- Ideal for commercial kitchens and industrial applications

CONFORMS TO ISO 13007 RG1

JOINT WIDTH

1.5mm to 10mm

TILE TYPES

All vitrified, fully vitrified and porcelain tiles.
Note: porous, moisture sensitive and textured tiles may require special application procedures, contact ARDEX Technical Services.

LOCATION

Internal, External
(Suitable for use in swimming pools and immersed applications)

SURFACES

Floors, Walls

COLOURS

See Colour Guide on page 43

PACKAGING

1kg Part A, 0.6kg Part B, 5kg Colour Pack

HIGH PERFORMANCE COMMERCIAL EPOXY GROUT

ARDEX EG 800F

ARDEX EG 800F is a high performance epoxy grout designed for terrazzo and stone installations that require strict standards of hygiene and high chemical and physical resistance and is 100% solids epoxy grout.

- Flowable grout that is grindable
- Solvent free, environmentally friendly
- Ideal for wet areas/ commercial floors

CONFORMS TO ISO 13007 RG1

JOINT WIDTH

1.5 to 10mm

TILE TYPES

All natural stone and terrazzo.
Note: porous, moisture sensitive and textured tiles may require special application procedures. Contact ARDEX Technical Services.

LOCATION

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

SURFACES

Floors

COLOURS

Made to order. Minimum order quantities apply.

PACKAGING

8L Part A, 4L Part B, 15kg Part C

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

HIGHLY VERSATILE, FLEXIBLE COLOURED GROUT

ARDEX FG 8
LOW VOC

ARDEX FG 8 is 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
See Colour Guide on page 44

COVERAGE
See Coverage Chart on page 41

PACKAGING
1.5kg, 5kg and 20kg

FLEXIBLE WATER REPELLENT AND DIRT RESISTANT FINE TILE GROUT

ARDEX FS-DD
LOW VOC

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

JOINT WIDTH
1mm to 4mm

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

LOCATION
Internal, External

SURFACES
Floors, Walls

COLOURS
See Colour Guide on page 45

COVERAGE
See Coverage Chart on page 41

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

NON SHRINK COLOURED WIDE JOINT GROUT

ARDEX WJ 50
LOW VOC

ARDEX WJ 50 is a sanded, cement-based tile grout. It is ideal for use in joint widths 2mm to 50mm wide without shrinking. Exceptionally easy to use and has superior colour consistency.

- Exceptionally easy to use
- Superior colour consistency

JOINT WIDTH
2mm to 50mm

TILE TYPES
Ceramic tiles, terrazzo, slate, quarry tiles and natural stones (excluding moisture senstive).

LOCATION
Internal, External
(Swimming pools and timber floors use with undiluted ARDEX Grout Booster)

SURFACES
Floor, Walls

COLOURS
See Colour Guide on page 45

COVERAGE
See Coverage Chart on page 41

PACKAGING
5kg and 20kg

FINE TEXTURED WALL TILE GROUT

ARDEX WHITE GROUT
LOW VOC

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 and porcelain tiles, glass mosaics.

LOCATION
Internal
(Not suitable for swimming pools)

SURFACES
Walls

COLOURS
White

COVERAGE
See Coverage Chart on page 41

PACKAGING

PACKAGING	CODE
5kg	10592
20kg	10591

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

SILICONE FOR SANITARY INSTALLATIONS

ARDEX SE
LOW VOC

ARDEX SE is an acetic cure sealant 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. May cause discoloration to brass and copper).

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

SURFACES
Floors, Walls

COLOURS
See Colour Guide on page 46

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

PACKAGING
310mL cartridge

NEUTRAL CURE AND NON STAINING NATURAL STONE SILICONE

ARDEX ST
LOW VOC

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
Max. width 30mm, depth 15mm

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
Floors, Walls

COLOURS
See Colour Guide on page 46

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

PACKAGING
310mL cartridge

WATER-BASED POLYMER GROUT IMPROVER

ARDEX GROUT BOOSTER
LOW VOC

ARDEX Grout Booster is 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
Floors, Walls

COLOURS
White

PACKAGING	CODE
1L	10424
4L	10425

SILICONE SMOOTHING AGENT

ARDEX SG
LOW VOC

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
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	CODE
500mL	10170

JOINT DESIGN

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 5mm wide/5mm thick
- A backing rod at the base allows the silicone to move freely and is economical
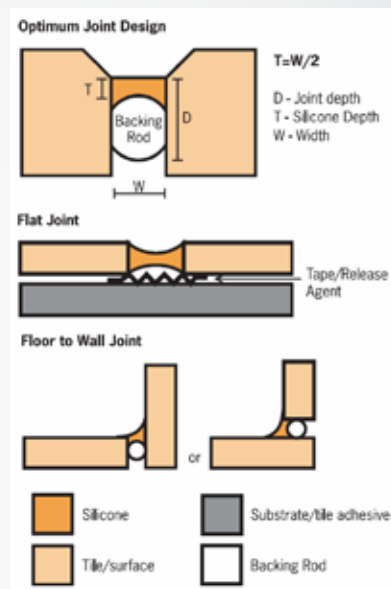
CEMENT BASED GROUTS COVERAGE

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 10–15% for wastage.

ARDEX FG 8

	Joint Width	Tile Size (mm) length×width×depth		
		100×100×8	300x300x9	600x600x10
FG 8	1.5mm	0.48 kg/m²	0.18kg/m²	0.10kg/m²
	3mm	0.96 kg/m²	0.36kg/m²	0.20kg/m²
	5mm	1.6 kg/m²	0.60kg/m²	0.33kg/m²
	8mm	2.56 kg/m²	0.96kg/m²	0.53kg/m²

ARDEX FS-DD

	Joint Width	Tile Size (mm) length×width×depth		
		100×100×8	300x300x9	600x600x10
FS-DD	1.5mm	0.47kg/m²	0.18kg/m²	0.10kg/m²
	3mm	0.94kg/m²	0.35kg/m²	0.20kg/m²

ARDEX WJ 50

	Joint Width	Tile Size (mm) length×width×depth		
		100×100×8	300x300x9	600x600x10
Wide Joint	8mm	2.1kg/m²	0.80kg/m²	0.45kg/m²
	10mm	2.7kg/m²	1.0kg/m²	0.56kg/m²
	15mm	4.0kg/m²	1.5kg/m²	0.84kg/m²
	20mm	5.3kg/m²	2.0kg/m²	1.1kg/m²

ARDEX WHITE GROUT

	Joint Width	Tile Size (mm) length×width×depth		
		100×100×8	300x300x9	600x600x10
WHITE GROUT	1.5mm	0.43kg/m²	0.16kg/m²	0.09kg/m²
	3mm	0.86kg/m²	0.33kg/m²	0.18kg/m²

EPOXY GROUTS COVERAGE

ARDEX WA

Joint Width	Tile Size (mm) length×width×depth		
	100×100×8	300x300x9	600x600x10
3mm	0.79kg/m²	0.30kg/m²	0.17kg/m²
5mm	1.3kg/m²	0.50kg/m²	0.28kg/m²

Approximate ARDEX Abapoxy coverage in m² (20% wastage allowance).

ARDEX EG 15

Joint Width	Tile Size (mm) length×width×depth		
	100×100×8	300x300x9	600x600x10
1.5mm	16m2/kit	43m²/kit	78m²/kit
3mm	8.1m2/kit	22m²/kit	39m²/kit
5mm	4.9m2/kit	13m²/kit	23m²/kit
10mm	2.4m2/kit	6.5m²/kit	12m²/kit
15mm	1.6m2/kit	4.3m²/kit	7.8m²/kit

NOTE: ARDEX EG 15 and ARDEX EG 900C utilise the ARDEX Colour Pack as the colour component of the Grout System. The final colour may vary from grout types.
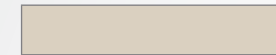
COLOUR REFERENCE CHARTS
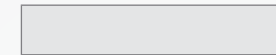
ARDEX COLOUR PACK

LOW VOC

ARDEX Colour Pack can be used with:

- EG 15 Easy Clean High Performance Epoxy Grout
- EG 900 C Water Washable Industrial Strength Epoxy Grout

677 Travertine

641 Misty Grey

687 Charred Ash

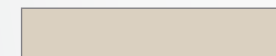680 Havana

673 Magellan Grey

644 Black

600 White

611 Slate Grey

ARDEX EG 800F

High Performance Flowable Epoxy Grout for use when strict hygiene and physical resistance are required. Can be made to project specification requirements.
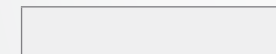
877 Travertine
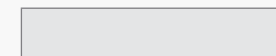
841 Misty Grey

887 Charred Ash

814 Off White

873 Magellan Grey

882 Alabaster

811 Slate Grey

Note: EG 800 F Part C are made to order and minimum order quantities apply.

NOTE: Colours on this page are indicative and limited by the print process.
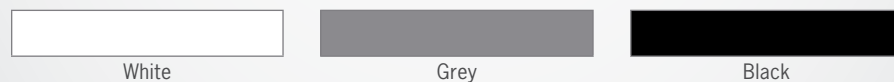
ARDEX FG 8

LOW VOC

GROUT SHIELD

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

252 Pewter Blue	229 Buff	288 Macchiato
210 Mocha	249 Light Beige	202 Midnight
216 Sandalwood	248 Walnut	287 Charred Ash
227 Todd River Sand	211 Slate Grey	250 French Vanilla
285 Mudberry	273 Magellan Grey	282 Alabaster
277 Travertine	241 Misty Grey	200 White
280 Havana	295 Olive	

ARDEX WA

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

White	Grey	Black

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

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ARDEX FS-DD

LOW VOC

GROUT SHIELD

Fine tile grout, ideal for narrow joints and polished porcelain.

311 Slate Grey	329 Buff	341 Misty Grey
373 Magellan Grey	377 Travertine	380 Havana
382 Alabaster	387 Charred Ash	390 Ultra White
395 Olive	302 Midnight	
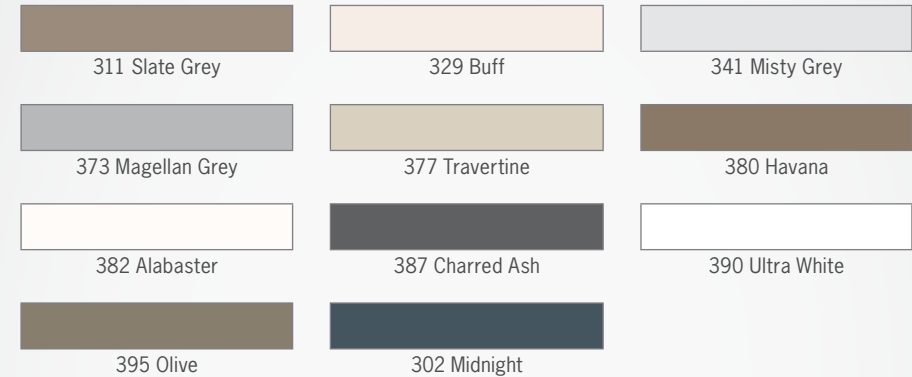
ARDEX WJ 50

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

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

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COLOUR REFERENCE CHARTS

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
Olive	Macchiato	

ARDEX ST

Neutral cure silicone ideal for non-staining of natural stones and underwater joints.
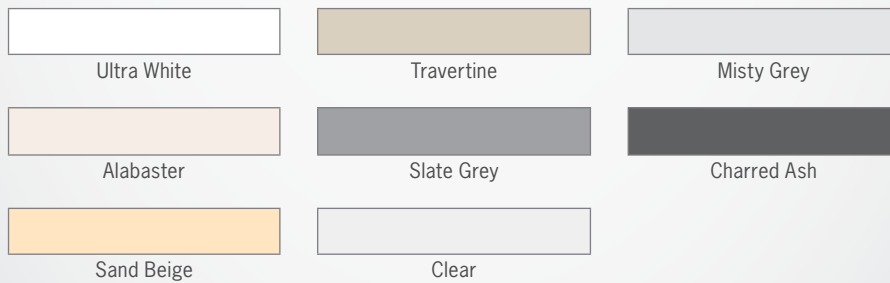
Ultra White	Travertine	Misty Grey
Alabaster	Slate Grey	Charred Ash
Sand Beige	Clear	

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

SURFACE PREPARATION

WATER-BASED PRIMER

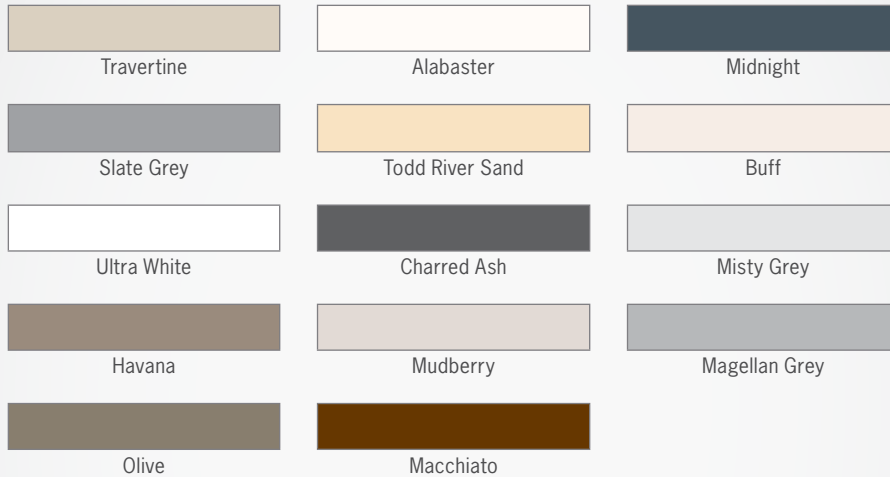### ARDEX MULTIPRIME

LOW VOC

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

LOCATION
Internal, External

SURFACES
Floors, Walls

COLOURS
White

COVERAGE
Approximately 6m² per litre

PACKAGING	CODE
1L	10154
4L	10156
20L	10155

SINGLE PART PRIMER

ARDEX P 9

LOW VOC

ARDEX P 9 Single Part Primer is a water-based primer used for improving the adhesion of ARDEX products to smooth, dense and various non porous substrates.

- Easy to apply with a brush or roller
- Applications of subsequent products able to take place with minimal downtime

SUBSTRATES
- Particleboard, plywood, sheet timber
- Medium density fibre-cement sheet, compressed fibre-cement sheet
- Jointing compound over plasterboard Concrete, renders, screeds, masonry and lightweight concrete blocks
- Autoclaved aerated concrete (AAC)
- Existing Glazed Tiles (tiles to be de-glazed before priming)
- For use with both tile adhesive and floor levellers, contact ARDEX Technical Services for specifics with:
  - Metal Surfaces
  - Plastics
  - Epoxy Coatings
  - Existing Vinyl

For use with tiling only, contact ARDEX Technical Services for specifics with painted services.

LOCATION
Internal, External

SURFACES
Floors, Walls

COVERAGE
6–10m²/L

PACKAGING	CODE
1L	16791
4L	16778

NON POROUS SUBSTRATE PRIMER

ARDEX P 82

LOW VOC

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, glazed and quarry tiles, wood and metal surfaces.

LOCATION
Dry Internal

SURFACES
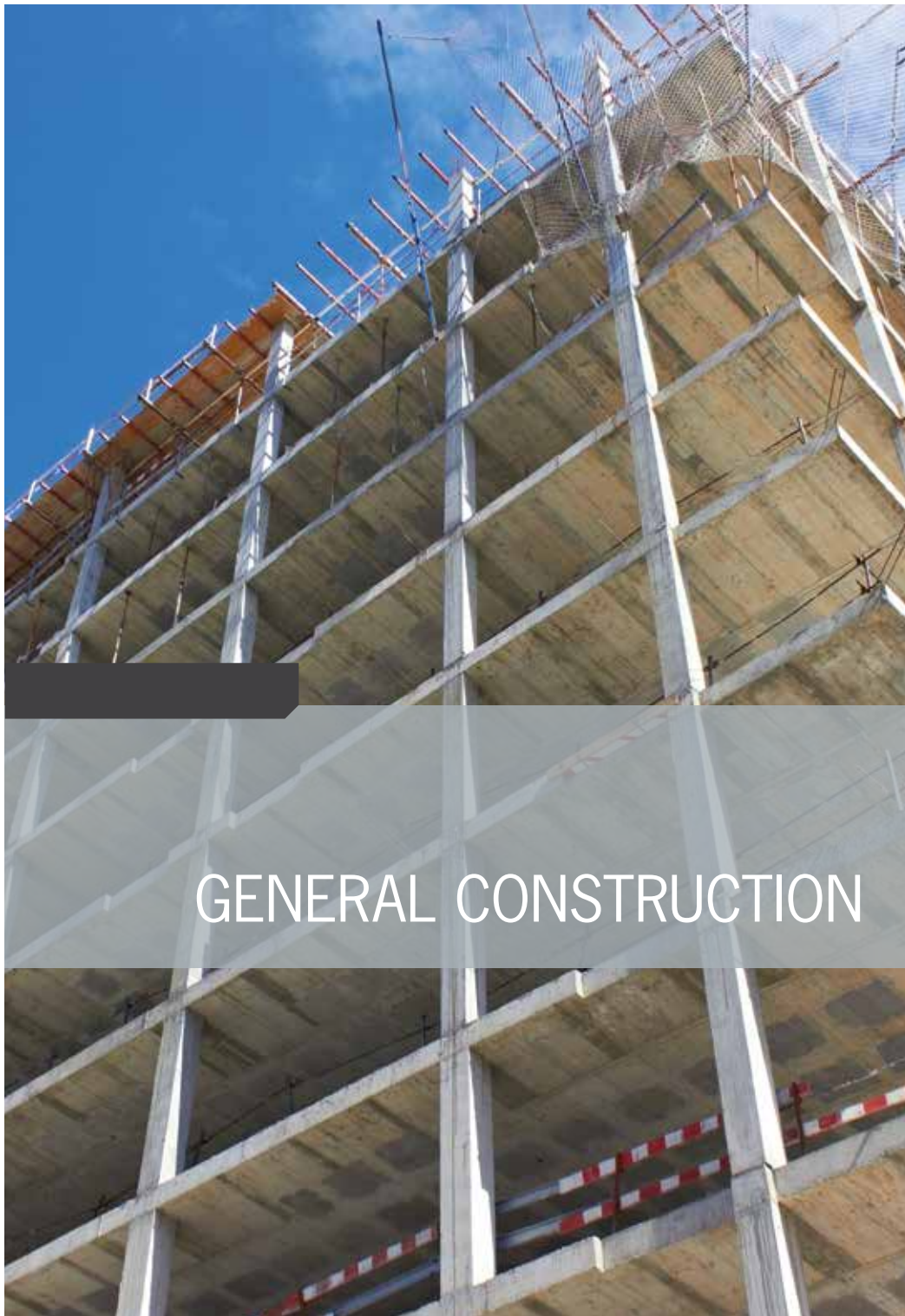Floors, Walls

COLOURS
Pink liquid and white liquid

COVERAGE
5–10m² per litre

PACKAGING	CODE
2kg kit	10233
8kg kit	10157

GENERAL CONSTRUCTION

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

MOISTURE-CURING EXPANSION JOINT SEALANT

ARDEX RA 030 PLUS

ARDEX RA 030 PLUS is a one-component, moisture curing, professional grade, elastomeric, polyether expansion joint sealant. It has excellent bond strength to most porous and non-porous substrates without the use of a primer. ARDEX RA 030 PLUS is non-sag and may be applied on vertical and horizontal surfaces.

- No bubble formation or foaming during installation on damp surfaces
- Excellent primerless adhesion to most substrates
- Excellent weathering and UV stability
- Movement capability: +/- 50% of joint width
- No Isocyanates, solvents, halogens or acids
- Can be painted over

LOCATION

Internal/External

SUBSTRATES

EIFS, stucco, aluminium, concrete, masonry, wood, stone, glass, vinyl, fibre cement sheet, metals, PVC.

COVERAGE

Varies upon joint width and depth.

COLOURS

Grey

DRYING AND CURING

36–72 hours

VOC CONTENT

30g/L

PACKAGING	CODE
600mL sausage	24540

POLYURETHANE-BASED JOINT SEALANT

ARDEX RA 040

ARDEX RA 040 is a one-component, polyurethane-based joint sealant. It has excellent bond strength to most porous and non-porous substrates without the use of a primer. ARDEX RA 040 is non-sag and may be applied on vertical and horizontal surfaces.

- Excellent primerless adhesion to most substrates
- Excellent weathering and UV stability
- Perfect for vertical and overhead repairs

LOCATION

Internal/External

SUBSTRATES

Aluminium, concrete, masonry, metals.

COVERAGE

Varies upon joint width and depth.

COLOURS

Grey and white

DRYING AND CURING

24 hours/2mm

PACKAGING	CODE
600mL sausage	24541 (Grey)
	24554 (White)
	30596 (Off White)

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

FAST SETTING SEMI-RIGID POLYUREA JOINT SEALANT

ARDEX RA 54
LOW VOC ★

ARDEX RA 54 is used to fill interior control joints or new construction saw joints on horizontal concrete surfaces. With a very rapid cure time, repaired joints can be opened to traffic in 90 minutes.

- Fill interior control joints or new construction joints
- Heavy duty vehicle traffic – Designed for individual floor applications
- Rapid cure – Trafficable in 90 minutes

LOCATION

Designed for industrial floor applications receiving heavy duty vehicle traffic. This can be used in exterior applications, when minimal (10% to 12%) joint movement from thermal cycling will occur.

SUBSTRATES

Concrete

COVERAGE

Approx. 3 linear metres with a joint size of 3 x 25mm.

COLOURS

Grey

DRYING AND CURING

Can be shaved in approx. 45 minutes, open to full traffic in 90 minutes.

VOC CONTENT

7g/L

PACKAGING	CODE
254mL cartridge	19929
40kg commercial kit	8004938

HYBRID POLYURETHANE CRACK & SPALL REPAIR

ARDEX RA 56
LOW VOC ★

ARDEX RA 56 is an ultra-low viscosity, 2-component hybrid polyurethane adhesive. It is a rapid curing concrete repair material used when minimal down time is crucial.

- Cures stronger than concrete
- Ultra Low Viscosity – Offers deep penetration into cracks
- Rapid cure – Trafficable in less than 20 minutes
- Ideal for spall repair when mixed with aggregate

LOCATION

Internal/External

SUBSTRATES

Concrete

COVERAGE

Coverage varies with depth of fill area.

COLOURS

Grey

DRYING AND CURING

Open to full traffic in 60 minutes.

VOC CONTENT

17g/L

PACKAGING	CODE
254mL cartridge	19930
4L commercial kit	30595

MULTI-PURPOSE EPOXY REPAIR ADHESIVE

ARDEX RA 88 PLUS
LOW VOC ★

ARDEX RA 88 PLUS is a two component, high performance ceramic blend epoxy. No-drip, non-sag, repair adhesive perfect for horizontal, vertical and overhead use (trowelable).

- Non-sag – Perfect for overhead and vertical repairs
- High strength – Stronger than concrete
- Trowelable and cure underwater
- Approved for use with potable (drinking) water – conforms with the requirements of AS4020.2005

LOCATION

It can also be used for repairing holes, spalls and cracks in concrete, repairing rotted wood, installing anchor bolts and repairing hand rails.

SUBSTRATES

Almost any material, including metal, concrete, brick, wood, stone, block and other substrates.

COVERAGE

Approx. 6 linear metres with a bead thickness of 6 x 6mm.

COLOURS

Grey

DRYING AND CURING

Open to full traffic in 2–3 hours, ready to receive paint in 2–3 hours.

VOC CONTENT

53g/L

PACKAGING	CODE
254mL cartridge	19927

BONDING AGENT FOR USE WITH SAND/CEMENT SCREEDS & RENDERS

ARDEX ABACRETE
LOW VOC ★

ARDEX Abacrete is a bonding agent designed to improve shear and tensile bond strength of sand/cement screeds and renders.

- Liquid polymer additive improves bond strength and adhesion
- Improves water resistance
- Accommodates thermal movement

LOCATION

Internal, External

SUBSTRATES

- Concrete, renders, screeds
- Brickwork, blockwork
- Waterproofing membranes

SURFACES

Floors, Walls

COLOURS

White

COVERAGE

20L unit covers approximately 100m² as a slurry coat; 9m² for screed; 10m² for render coats

PACKAGING	CODE
20L	10063

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

IMPACT SOUND REDUCTION AND DECOUPLING SYSTEM

ARDEX DS 40
LOW VOC

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
Approximately 0.375m²/mat

MAT SIZE
750mm x 500mm x 4.5mm

PACKAGING	CODE
Cartons of 10	10074

REMOVABLE/ DECOUPLING SYSTEM

ARDEX DS 60
LOW VOC

The ARDEX DS 60 De-coupling Mat which can be utilised as either a crack isolation mat system or a unique tiling solution. Ideal for situations which have the dual requirements of a hard wearing tile surface and a cost effective reinstatement of the original floor at the end of the lease period or upon refurbishment.

The system comprises of:
- DS 60 – Butynol® Decoupling Mat
- Recommended ARDEX Tile Adhesive

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

SUBSTRATES
Designed for use over domestic or commercial internal concrete and timber floors in dry areas.
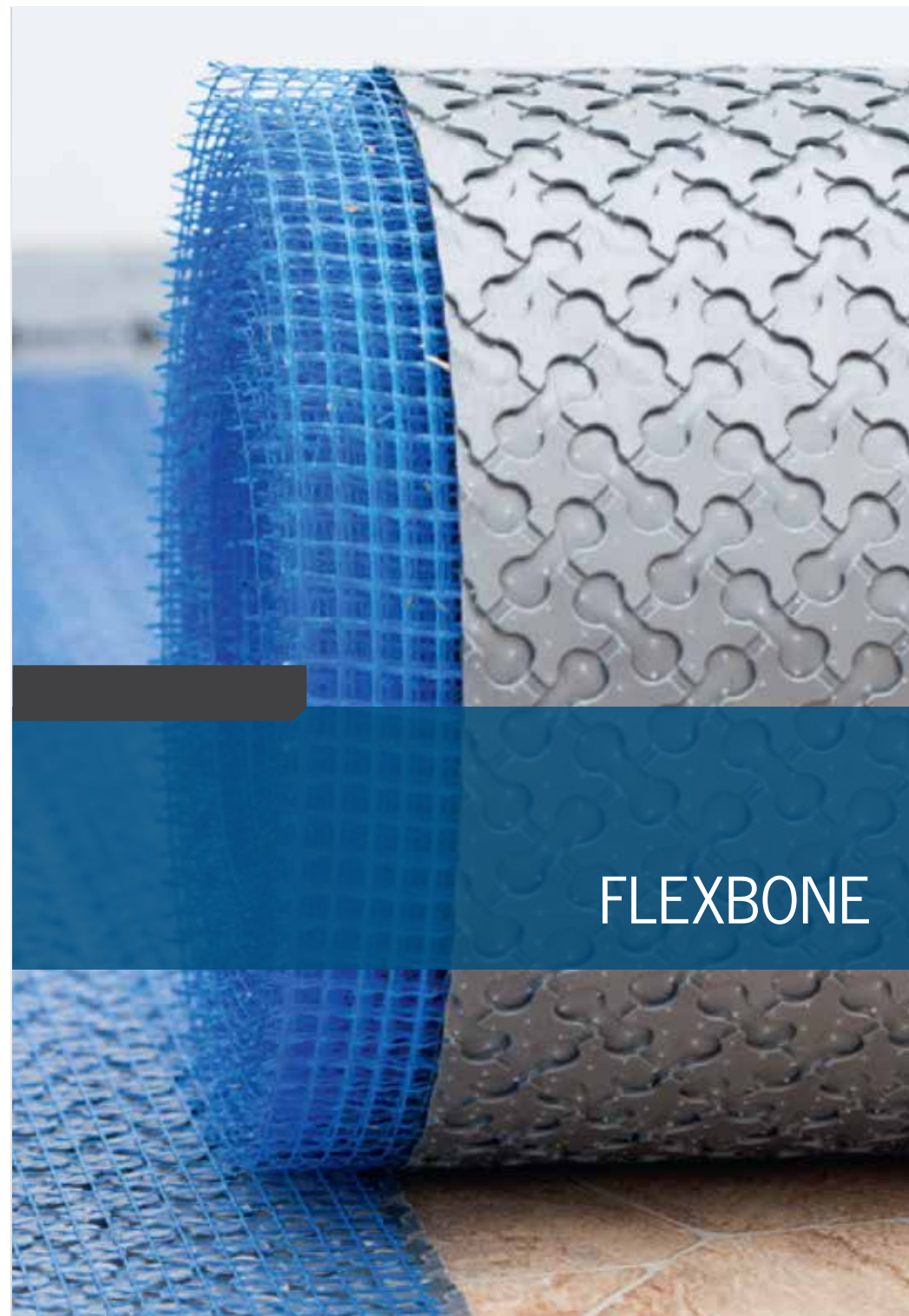
LOCATION
Internal

SURFACES
Floors

MAT SIZE
Roll of 40 x 1.4m (0.4mm thick)

PACKAGING	CODE
4L	13321

FLEXBONE

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

FLOATING UNCOUPLING SYSTEM

ARDEX UI 720 FLEXBONE

ARDEX UI 720 FLEXBONE Floating Uncoupling System is a revolutionary, loose-laid floating system that provides 100% uncoupling. The system's separation from the underlying substrate results in significant time and cost savings through minimal substrate preparation.

- Unique bone shaped pattern
- GripLock Technology for the highest level of adhesive-to-sheet bond strength
- Highly durable, flexible plastic
- Laminated, topside glass fibre mesh that contains self-sticking overlaps for easy seam connection

FOR USE IN

- Offices
- Hotel Rooms
- Medical Offices
- Residential Properties
- Retail Shops
- Car Showrooms

SUBSTRATES

- Concrete substrates
- Timber subfloors
- Substrates with problem adhesion
- Mixed substrates made of different types of materials
- Vinyl floor coverings
- Oil contaminated floors
- Existing and cracked floors
- Painted floors
- Cutback adhesive
- Epoxy and polished coated floors

LOCATION

Internal

COVERAGE

20m²

PACKAGING	CODE
1m x 20m	25122

UNCOUPLING MEMBRANE

ARDEX UI 740 FLEXBONE

ARDEX UI 740 FLEXBONE Uncoupling Membrane is a high load-bearing, bonded uncoupling membrane ideal for large format tiles and stone in high traffic areas. The ARDEX UI 740 helps prevent grout joint and tile damage from movement and deflection.

- Unique bone shaped pattern
- GripLock Technology delivers outstanding tensile bond strength
- System helps neutralise underlying substrate movement and supports and distributes heavy loads from above
- Can be used as a waterproof layer in bathrooms and wet areas

FOR USE IN

- Shopping Centres
- Airports
- Residential Buildings
- Office Buildings
- Hospitals
- Car Showrooms

SUBSTRATES

- Concrete substrates
- Screeds (incl. green screeds)
- Timber subfloors
- Vinyl floor coverings
- Existing and cracked floors
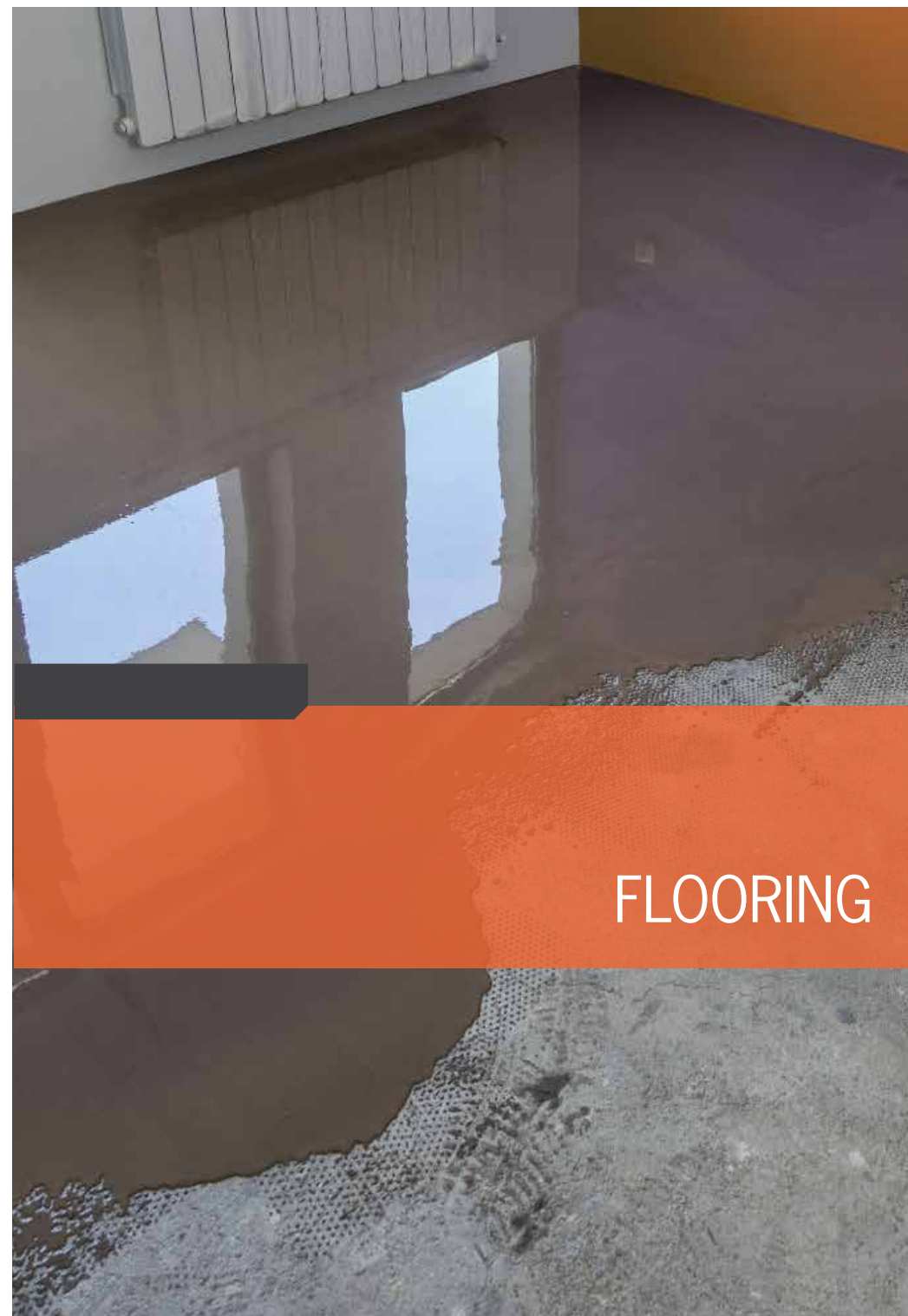- Fresh, slightly damp concrete

LOCATION

Internal

COVERAGE

20m²

PACKAGING	CODE
1m x 20m	25123

FLOORING

TILING

GROUT & SILICONE
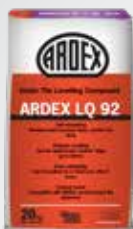
SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

UNDERTILE LEVELLING COMPOUND

ARDEX LQ 92
LOW VOC

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
- Early walkability – tile over after approximately 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
- For ramping mix with up to 10kg of coarse dried sand to achieve a trowelable non-flowing screed

SUBSTRATES
Concrete

LOCATION
Internal
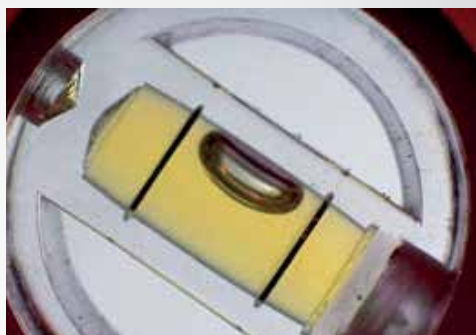External (not subject to freeze/thaw)

SURFACES
Floors

COLOURS
Grey

COVERAGE
20kg unit covers approximately 3.8m² at 3mm

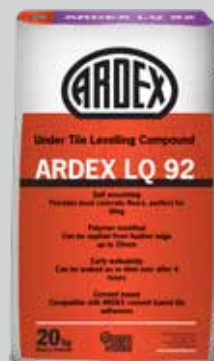| PACKAGING	CODE
20kg	10146

Keep large tiles on the level?

ARDEX LQ 92 does.

ARDEX LQ 92 Cement-based levelling compound

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

PRE-MIXED SAND/CEMENT SCREEN

ARDEX A 36
LOW VOC

ARDEX A36 Abascreed is a factory proportioned premixed sand/cement screed for internal and external use. It is especially designed to achieve falls for water run-off and to economically level uneven floors prior to tiling or waterproofing.

- Trafficable after 24 hours
- Factory proportioned premixed sand/cement
- Ready to receive tiles after 7 days

LOCATION
Internal, External

SUBSTRATES
- Concrete floors
- Fibre-cement sheets
- Timber floors (internal)

SURFACES
Floors

COLOURS
Coarse Green Powder

COVERAGE
1m² at 10mm thickness per 20kg

PACKAGING	CODE
20kg	37146

RAPID SET CEMENT SCREED

ARDEX A 48
LOW VOC

ARDEX A 48 is a 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 Undertile Butynol® waterproofing system, undertile waterproofing membranes, tiles, natural stones, terrazzo, resilient and textile floor coverings and parquet.

COVERAGE:
1m² at 10mm thickness per 20kg

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 Undertile Butynol® 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	13002

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

INDOOR WATER BASED ADHESIVE

ARDEX AF 171

LOW VOC

ARDEX AF 171 is a water based vinyl adhesive for internal use.

- Fast grab with very strong ultimate bond
- Excellent dimensional stability
- Excellent resistance to plasticiser migration

LOCATION

Internal

SUBSTRATES

- Hardboard underlayment board approved to AS 2458
- Cementitious underlayment
- Dry concrete where there is less than 80% RH when tested with in situ probe test

Contact ARDEX Technical Services for other substrates including terrazzo, ceramic tiles and metal substrates.

FLOOR COVERINGS

- Vinyl plank
- Wall sheet vinyl
- Sheet vinyl
- Linoleum
- Direct stick and double bond carpet installation
- Acoustic mat

COVERAGE

- Using a 1.6x1.6x1.6mm V-Notch trowel approximately 5.0m^2/L
- Using a 0.8x1.6x0.8mm U-Notch trowel approximately 7.0m^2/L

WORKING TIME

15–20 minutes

SET UP TIME

10–15 minutes

PACKAGING	CODE
15L pail containing 18kg of adhesive	38564

PRESSURE SENSITIVE CARPET TILE ADHESIVE

ARDEX AF 271

LOW VOC

ARDEX AF 271 acrylic water based carpet tile adhesive for internal use free of hazardous organic solvents.

- Pressure sensitive adhesive for semi permanent (releasable) carpet tile and underlay installation
- Can be installed using a long nap roller or 1.6mm "V" notched trowel
- Excellent initial grab for permanent underlay and carpet tile installation

LOCATION

Internal

SUBSTRATES

ARDEX AF 271 is designed to bond carpet tile and carpet pad underlay onto:

- Hardboard underlay approved to AS 1859
- Concrete
- Timber
- Terrazzo

FLOOR COVERINGS

- Vinyl backed carpet tile
- Non-vinyl backed carpet tile for permanent application

COVERAGE

- Using short to medium nap roller approximately 8–10m^2/L
- Using a 1.6x1.6x1.6mm V-Notch trowel approximately 5.0m^2/L for the installation of VCT & textured backed carpet tiles and double bond underlays

WORKING TIME

Increased working time for semi-permanent carpet tile installation providing that the adhesive is not exposed to dust and other contaminants

SET UP TIME

15–30 minutes for semi-permanent carpet tile installation depending on site ambient conditions

PACKAGING	CODE
15L pail containing 18kg of adhesive	38565

LATEX LEVELLING COMPOUND

ARDITEX NA

LOW VOC

ARDITEX NA is formulated with excellent adhesion designed to work perfectly under a damp proof membrane. Also used to pre-level existing timber floors prior to the installation of timber sheeting for a stable base for new floor coverings.

LOCATION

- Internal and external
- Under damp proof membranes

SUBSTRATES

- New and existing concrete, ARDEX A38, ARDEX A48, timber floors.

Substrates with special requirements (Contact ARDEX Technical Services or view relevant Technical Bulletin online) - Moisture vulnerable concrete, terrazzo, quarry and ceramic tiles, concrete subfloors with electric under floor heating, existing epoxy coatings, lightweight autoclave concrete, primer treated metal.

FLOOR COVERINGS

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

COVERAGE

12m^2 at 1mm, 4m^2 at 3mm

THICKNESS

- Feather edge to 12mm
- Bulkfill 12–30mm with 2–5mm aggregate

DRYING TIME

- Drying time is dependent on jobsite temperature, humidity, installation thickness and floor covering type. (Based on 23°C and 50% RH.)
- Walkable from 2 hours.
- Ready for Rubber, PVC Vinyl, Linoleum and wool textile floor coverings in 24 hours.

PACKAGING	CODE
Kit containing 20kg triple layer bag and 4.8kg ARDITEX latex pail	8000011

RAPID DRYING SMOOTHING COMPOUND

ARDEX FINE FINISH

LOW VOC

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.

LOCATION

Internal dry applications

SUBSTRATES

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

FLOOR COVERINGS

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

COVERAGE

Up to 70m^2 skim coat

THICKNESS

Feather edge to 3mm

DRYING TIME

Ready for floor coverings from 20 minutes

PACKAGING	CODE
10kg bag	19677

WATERPROOFING

ARDEX WPM 155 *RAPID PLUS*

(Undertile PU Acrylic Hybrid Membrane)

LOW VOC

ARDEX WPM 155 Rapid Plus is a water-based polyurethane-acrylic hybrid waterproofing membrane developed for high performance undertile waterproofing.

BRANZ Appraised
Appraisal No.701 [2017]
Appraisal No.702 [2017]

- Express dry time with bathroom tiling possible in just 4 hours, with no risk to corners and junctions
- Crack Isolation protection over shrinkage, hairline and other non-structural cracks
- Tough flexible film
- Meets Green Building Council of Australia Greenstar requirements IEQ-13, IEQ-11
- Can be tiled over – good adhesion with ARDEX tile adhesives
- STB Tape eliminates need for bond breaker
- Class III Membrane, as per AS/NZS 4858 Wet Area Membranes

LOCATION

- Internal and external

SUBSTRATES

Concrete, engineered screeds, screeds compliant to AS 1884, fibre-cement sheeting, plasterboard and ARDEX cementitious smoothing and patch mortars used within the recommended systems.

COVERAGE

- Floors: 8.7m² (2 coats) D.F.T. – 1.0mm
- Walls: 17.5m² (2 coats) D.F.T. – 0.5mm

COLOURS

Blue

DRYING TIMES

- Recoat time: 1–2 hours
- Ready to tile: 4-6 hours
- Full cure: 3 days

Ready for overlay fairing coatings in 4-6 hours (depending on substrate, temperature & humidity

PACKAGING	CODE
4L (5.3kg)	38792
15L (20kg) pails	38790

ARDEX STB & STA TAPE

An uncured Butynol® tape with a fleece layer that is used in the ARDEX WPM 155 Rapid under tile waterproofing system.

ARDEX STB Tape provides a faster installation, increased coverage and an even more secure waterproofing system.

PACKAGING	CODE
15m x 75mm STB Tape	16870
2 x 1.2m x 400mm STA Tape	19216

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

HIGH PERFORMANCE UNDERTILE WATERPROOFING MEMBRANE

ARDEX WPM 130
BUILDER'S EXPRESS

(Undertile PU Acrylic Hybrid Membrane)

LOW VOC

BRANZ Appraised
Appraisal No.701 [2017]
Appraisal No.702 [2017]

Acrylic PU water-based waterproofing membrane developed for high performance undertile waterproofing.

- Tough flexible film
- Meets Green Building Council of Australia Greenstar requirements IEQ-13, IEQ-11
- Can be tiled over – good adhesion with ARDEX tile adhesives
- Excellent adhesion to a wide range of substrates
- Fast drying, 4 hours on decks and some applications
- Class III Membrane, as per AS/NZS 4858 Wet Area Membranes

LOCATION
- Internal and external

SUBSTRATES
- Concrete
- Renders and screeds
- Fibre-cement sheets
- Plywood

COVERAGE
This will vary with the porosity of the substrates. Two coats are recommended for optimum performance. A 20kg unit (15 Litres) will cover approximately 9m².

COLOURS
Light blue

DRYING TIMES
- Recoat time: 1–2 hours
- Ready to tile: 4-6 hours
- Full cure: 3 days
Ready for overlay fairing coatings in 4-6 hours (depending on substrate, temperature & humidity

VOC CONTENT
42g/L

PACKAGING	CODE
15L (20kg) pails	38791

ARDEX DECKWEB

Reinforced cloth used in critical areas like, cracks, movement joints, corner/coving areas and also wall floor junctions. ARDEX Deckweb's principal function is to help build membrane thickness in critical areas mentioned above.

COLOUR
White

PACKAGING	CODE
50m x 190mm single roll	10293
50m x 190mm 6pc carton	10292
100mm x 50m (6 roll/sleeve)	37196
10m x 190mm roll	10290

TWO COMPONENT UNDERTILE WATERPROOFING MEMBRANE

ARDEX WPM 002

(Bathroom and Balcony Two Part)

LOW VOC

ARDEX WPM 002 is a tough, rapid drying two component waterproofing membrane specifically designed for use under tiles.

- Rapid drying time – can be tiled over in 16–24 hrs
- Fibre reinforced – no need for reinforcing mat
- BRANZ Appraisal #701 for undertile waterproofing
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia's Rating Tools

TYPICAL APPLICATIONS
Internal and external wet areas, balconies, decks, and other areas that will be tiled.
Suitable for permanent immersion (when tiled over).

SUBSTRATES
Concrete, renders and screeds, fibre cement, plasterboard, plywood*.
*Not recommended for external applications.

COVERAGE
- Floors: 16m² (2 coats) D.F.T. – 1.2mm
- Walls: 24m² (2 coats) D.F.T. – 0.8mm

COLOURS
- Liquid: White
- Powder: Off White

DRYING TIMES
- Recoat time: 1–2 hrs
- Ready to tile: 16–24 hrs
- Full cure: 3 days

VOC CONTENT
25g/L

PACKAGING	CODE
20kg pail/20kg bag	8000082

TILING

GROUT & SILICONE

SURFACE PREPARATION

GENERAL CONSTRUCTION

FLEXBONE

FLOORING

WATERPROOFING

WATER BASED EPOXY MEMBRANE

ARDEX WPM 300

(HydrEpoxy 300)

LOW VOC ★

ARDEX WPM 300 is a two component water based epoxy polyamide membrane/barrier coating.

- Can be applied to damp surfaces
- AS 4020:2000 Potable Water Approved
- Hydrostatic pressure resistant waterproof membrane
- Prevents rising damp and formation of efflorescence
- Water based – safe to use in sensitive locations
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia's Rating Tools

TYPICAL APPLICATIONS

Low water vapour transmission coating and as a barrier/seal coating over freshly laid or damp concrete. Waterproofing barrier on the negative side in below grade surfaces such as basements, tunnels, liftwells, retaining walls and carparks. Waterproofing membrane or barrier coating over freshly laid hardened concrete, prior to the application of conventional levelling compounds carpet and tile adhesives.

SUBSTRATES

Brick, masonry, concrete block, concrete, stone and timber

COVERAGE

- Primer or efflorescence barrier: 60m²/20L kit, 12m²/4L kit (1 coat)
- Moisture barrier: 30m²/20L kit, 6m²/4L kit (2 coats)

COLOURS

Grey, Mojo Black

DRYING TIMES

- Recoat time: 4 hrs
- Full cure: 7 days

VOC CONTENT

26g/L

PACKAGING | CODE

4L kits | 10207 (Grey), 10447 (Black)

SINGLE PART BARRIER MEMBRANE

ARDEX WPM 368

ARDEX WPM 368 is a single component acrylic copolymer moisture barrier that will prevent rising damp, efflorescence and will resist negative hydrostatic pressure when used in accordance with the technical data sheet.

- Can be applied to damp surfaces
- Can be safely applied to freshly laid hardened (green) concrete
- When applied directly to the substrate (dual coat system) the cured membrane will withstand 250kPa of hydrostatic pressure which is equivalent to a 25 metre head of water
- Prevents rising damp and the formation of efflorescence when used as a dual coat system

TYPICAL APPLICATIONS

It has excellent adhesion to most substrates including brick, masonry, concrete block, concrete, stone and is simple to use by brush, roller or airless spray machine.

SUBSTRATES

Brick, masonry, concrete block, concrete and stone

COVERAGE

- Water Stop: 45m² (1 coat)
- Waterproof membrane: 22.5m² (2 coats)

COLOURS

Grey

DRYING TIMES

- Recoat time: 2–4 hrs
- Full cure: 7 days

PACKAGING | CODE

20kg pail | 19623

GENERAL PURPOSE WATER BASED PRIMER

ARDEX WPM 265

(Sheltercoat Water Based Primer)

LOW VOC ★

ARDEX WPM 265 is a red water-based acrylic primer designed to seal porous substrates and enhance the adhesion of subsequent ARDEX undertile membranes.

- Water-based
- Suitable for most substrates
- Coloured – primed surfaces are easily identified
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia's Rating Tools

LOCATION

Internal, External

SUBSTRATES

New and old concrete, plywood, compressed fibreboards.

COVERAGE

6m²/L – may vary depending on surface porosity

COLOURS

Red

DRYING TIMES

1 hr

VOC CONTENT

11g/L

PACKAGING | CODE

20L | 10601

GENERAL PURPOSE SOLVENT BASED PRIMER

ARDEX WPM 270

(Sheltercoat Solvent Based Primer)

ARDEX WPM 270 is a clear solvent-based primer designed to seal and improve the adhesion of dense or highly porous substrates.

- Highly penetrating – ideal for porous substrates
- Heavy duty sealer – suitable for dense concrete (>30MPa)
- Rapid drying
- Low viscosity binder that seals absorbent substrates and penetrates dust

LOCATION

External

SUBSTRATES

Fibre-cement sheets (wet area grade), marine plywood, concrete, renders and screeds, masonry/concrete blocks.

COVERAGE

6m²/L – may vary depending on surface porosity

COLOURS

Clear

DRYING TIMES

Recoat time: 30 mins

PACKAGING | CODE

20L metal pail | 10204

WATER BASED CONTACT ADHESIVE

ARDEX CA 750

LOW VOC

ARDEX CA 750 is a ready to use water based contact adhesive for bonding both vinyl skirting or ARDEX Undertile Butynol® Membrane (WPM 750 or WPM 1000).

LOCATION

Internal and external floors and walls

SUBSTRATES

Porous concrete, cement render, unsealed fibre-cement sheet and plasterboard.

COVERAGE

Using a brush or roller, 1L is sufficient for approximately 5m² (both sides)

WORKING TIME

30 minutes to 4 hours (the colour of the adhesive will be clear not white)

PACKAGING	CODE
15L pail	24196

CATALYST SPRAY

ARDEX CATALYST SPRAY

SpeedTec

ARDEX Catalyst Spray with the use of Speedtec technology is a clear solution which when applied to nominated ARDEX Adhesives accelerates the tack time for quicker installation of floor coverings.

LOCATION

Internal and external floors and walls

TYPICAL USES

ARDEX Catalyst Spray is designed to increase initial tack for adhesives with ARDEX Speedtec Technology. ARDEX Catalyst Spray also acts as an innate film formation for ARDEX WPM 179 – Single Component Rubber Membrane.

INSTALLATION

With the spray bottle, spray a fine mist evenly across the adhesive to one side only; as soon as this is complete install the following floor coverings to the treated adhesive.
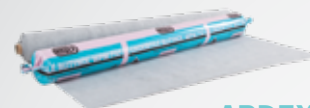
PACKAGING	CODE
500ml spray bottle	16550

WELDABLE UNDERTILE WATERPROOFING MEMBRANE SYSTEM

ARDEX WPM 750

ARDEX WPM 750 Undertile is an undertile waterproofing sheet membrane system that is used in tiled areas such as showers and bathrooms.

The system provides a more secure system with consistent gauge thickness and heat welded laps that can be tank tested intermediately and tiled to to directly.

- Sheet membrane for waterproofing tiled areas
- Tiling can begin 60 minutes after membrane installation
- Thin & consistent waterproofing gauge
- Heat weld corners and laps
- Available with a unique clamp waste outlet

TYPICAL USES

It is used for waterproofing tiled areas such as showers and bathrooms.

TYPE

Synthetic rubber

THICKNESS/WEIGHT

0.5mm

TOP SURFACE

Polypropylene

BOTTOM SURFACE

Polypropylene

ROLL SIZE

1.4m x 20m

ROLL WEIGHT	CODE
Approximately 16.32kg	13319

WELDTEC EXTERNAL UNDERTILE WATERPROOFING MEMBRANE

ARDEX WPM 1000

ARDEX WPM 1000 Undertile is an undertile waterproofing sheet membrane system that is used in tiled areas such as balconies.

The system provides a more secure system with consistent gauge thickness and heat welded laps that can be tank tested intermediately and tiled to to directly.

- Sheet membrane for waterproofing tiled areas
- Tiling can begin 60 minutes after membrane installation
- Thin & consistent waterproofing gauge
- Heat weld corners and laps
- Available with a unique clamp waste outlet

TYPICAL USES

Suitable for waterproofing in undertile situations internal & external. Also for underground tanking, rooftops, decks, canal and pond linings if protected.

TYPE

Synthetic rubber

THICKNESS/WEIGHT

1.0mm

TOP SURFACE

Polypropylene

BOTTOM SURFACE

Polypropylene

ROLL SIZE

1.4m x 20m

ROLL WEIGHT	CODE
Approximately 38kg	16475

TILING
GROUT & SILICONE
SURFACE PREPARATION
GENERAL CONSTRUCTION
FLEXBONE
FLOORING
WATERPROOFING

GROUT & SILICONE
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FLOORING
WATERPROOFING

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