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# ARDEX FLOORING ADHESIVES

RESILIENT,  
HIGH-PERFORMING  
ADHESIVES FOR A  
WIDE VARIETY OF  
APPLICATIONS

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SYSTEMARDEX  
PREMIUM PERFORMANCE

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

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# THIS IS ARDEX

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

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

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

Strong internal growth and intelligent acquisitions in foreign markets have put the ARDEX Group on the map with 40 subsidiaries and about 2000 employees in more than 50 countries. It's no coincidence ARDEX is regarded as the premium partner in the buildings chemicals sector.





# INNOVATION

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

ARDEX products including Ardit, K 15, Abaflex, FG8 Grout and Butynol are firmly established as benchmarks for use worldwide.

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

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

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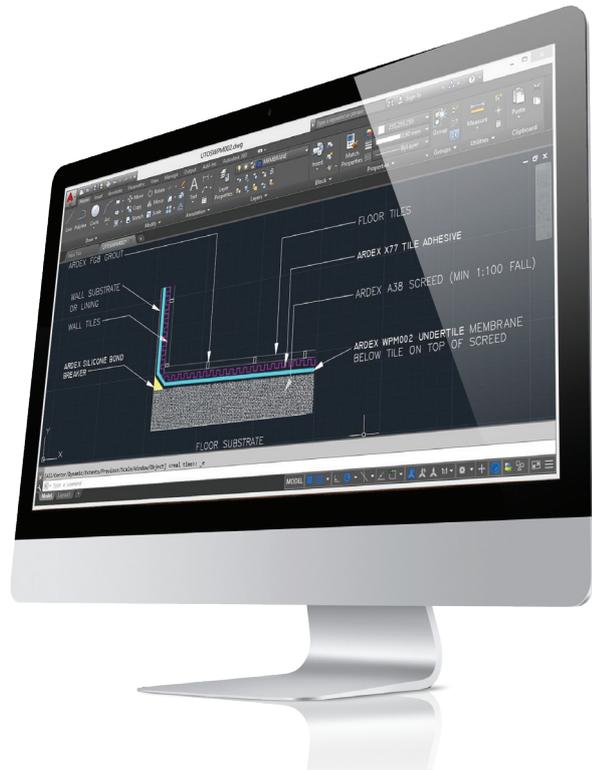
# SYSTEM ARDEX

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

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

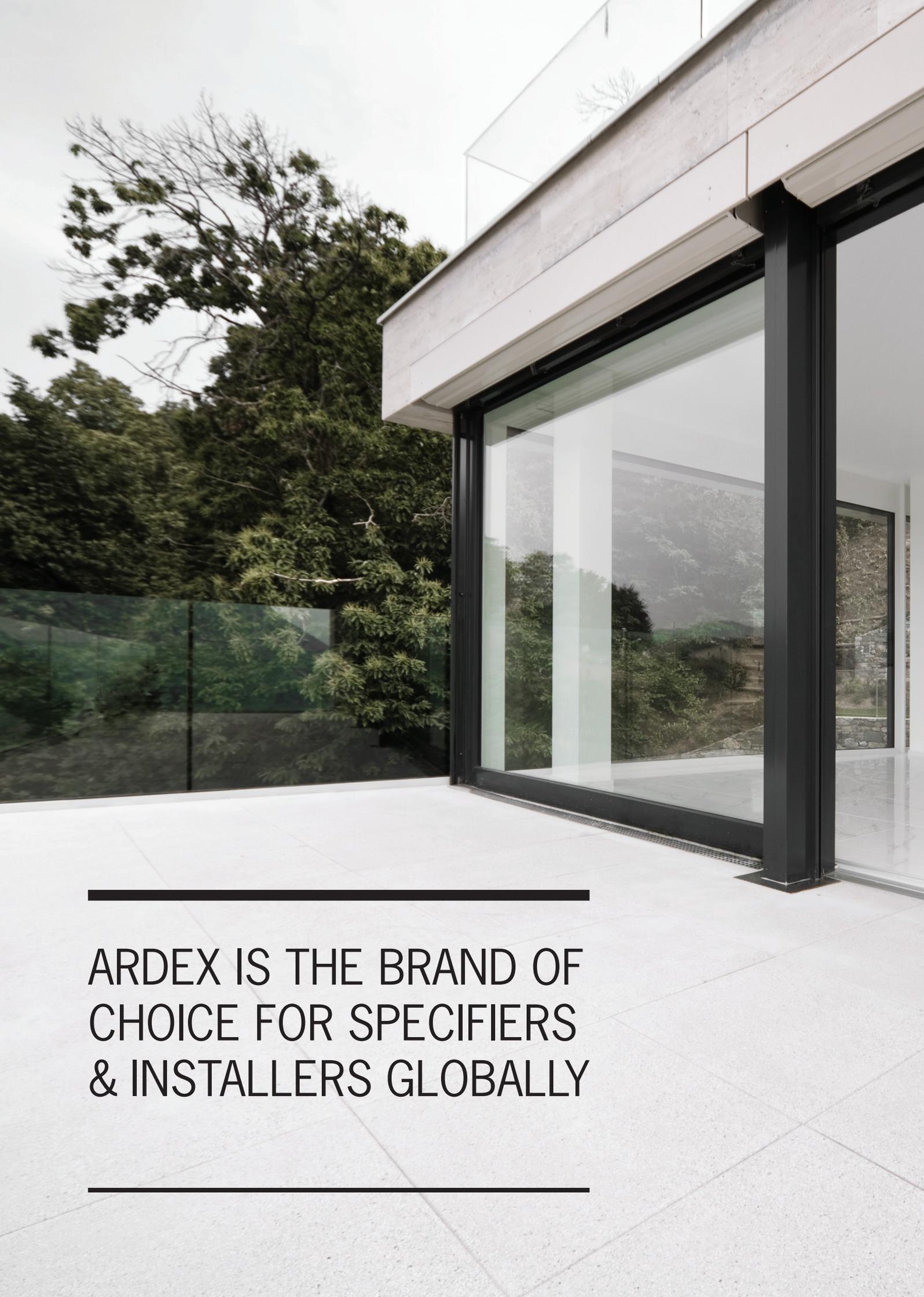
ARDEX products, systems and services are designed to ensure professional contractors the competitive advantage of a lower total cost of installation through superior performance.



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





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ARDEX IS THE BRAND OF  
CHOICE FOR SPECIFIERS  
& INSTALLERS GLOBALLY

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# WARRANTIES

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The major point of difference between an ARDEX warranty and other warranties is the extent of the cover provided for the owner or builder. Most competitor product warranties cover only the replacement of the defective product. That is further reduced through a discounting structure based on years of service prior to the claim. And usually, no cover is provided for the costs incurred in removing the defective product and installing the replacement product.



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An ARDEX warranty covers:

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

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

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



# TRAINING

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

For members of the construction industry committed to providing a high level of workmanship, ARDEX can help stay up to date, and increase both knowledge and confidence.

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Training courses offered by ARDEX :

- CPD seminars for specifiers
- ARDEX under-tile liquid waterproofing accreditation training
- ARDEX floor levelling training
- ARDEX WeldTec Membrane Training (WPM 750)
- ARDEX exterior waterproofing training Butynol, TPO and Torch On
- ARDEX retail tile training

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

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# SUSTAINABILITY

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



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

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

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# SUPPORT SERVICES

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

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

**0800 2 ARDEX**

**[www.ardex.co.nz](http://www.ardex.co.nz)**

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

 **[www.facebook.com/ARDEXNZ/](http://www.facebook.com/ARDEXNZ/)**

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



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

Just search for “ARDEX New Zealand” in either the Apple App Store or the Google play store. Alternatively scan the QR code below to download.





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# ARDEX RECOMMENDED ADHESIVES GUIDE

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All ARDEX Flooring Adhesives are designed to work with our complete range of Levelling and Smoothing Compounds, in both commercial and domestic environments, and have been developed and tested to be fully compatible with today's most commonly used floorcovering types.

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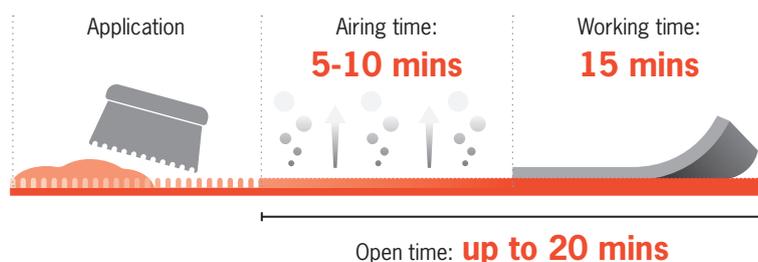
All ARDEX Flooring Adhesives meet the requirement guidelines for the EMICODE licence, achieving the lowest possible, or very low emission limits.

Our quick reference guide overleaf allows you to easily identify the most appropriate adhesive for the floorcovering you are installing.



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## Installation Schedule:



## LEGEND:

### AIRING TIME:

The time the adhesive must be left open before applying the floorcovering.

### WORKING TIME:

The time in which the adhesive can receive the floorcovering, after the initial airing time.

### OPEN TIME:

The combination of airing and working time.

		<b>ADHESIVE TYPE</b>									
		ARDEX AF 145 (Pressure Sensitive Adhesive)	ARDEX AF 175 (Luxury Vinyl Tile Adhesive)	ARDEX AF 180 MS (Heavy Duty Adhesive)	ARDEX AF 480 MS (Timber Adhesive)	ARDEX AF 275 (Rubber Flooring Adhesive)	ARDEX AF 825 (Carpet Tile Adhesive)	ARDEX AF 2270 (Universal Conductive Adhesive)	ARDEX AF 2365 (Universal Flooring Adhesive)	ARDEX AF 2525 (Heavy Duty Adhesive)	ARDEX CA 750 (Contact Adhesive)
<b>VINYL</b>	LUXURY VINYL TILE AND PLANKS	✓	✓	✓		✓		✓	✓	✓	
	VINYL SHEET	✓	✓	✓		✓		✓	✓	✓	
	CUSHIONED	✓	✓	✓		✓		✓	✓		
	COVING/SKIRTING										✓
	VINYL COMPOSITION TILE	✓	✓	✓		✓			✓	✓	
<b>LINOLEUM</b>	JUT/HESSIAN BACKED					✓		✓	✓		
	POLYESTER BACKED SHEET							✓	✓		
	POLYESTER BACKED TILES							✓	✓		
<b>CARPET</b>	WOVEN							✓	✓		
	ACTIONBAC							✓	✓		
	GEL FOAM	✓						✓	✓		
	NEEDLEPUNCH / FIBREBOND							✓	✓		
	SECONDARY BACKED							✓	✓		
	FELT							✓	✓		
	LATEX	✓						✓	✓		
	PVC	✓		✓				✓	✓		
<b>CARPET TILES</b>	ARTIFICIAL GRASS			✓						✓	
	BITUMEN BACKED						✓		✓		
	PVC						✓		✓		
<b>UNDERLAY</b>	GEL BACKED						✓		✓		
	CARPET UNDERLAY	✓	✓	✓		✓	✓		✓	✓	
<b>RUBBER</b>	SHEET UP TO 4mm	✓		✓		✓		✓			
	TILES UP TO 4mm	✓		✓		✓		✓		✓	
	TILES ABOVE 4mm			✓						✓	
<b>CORK</b>	NATURAL				✓						
<b>PARQUET/WOOD</b>	ON EDGE LAMELLA FROM 16mm				✓						
	ON EDGE LAMELLA FROM 22mm				✓						
	SOLID MOSAIC				✓						
	SOLID STRIP				✓						
	SOLID STRIP 10mm				✓						
	ENGINEERED 2-LAYER				✓						
	ENGINEERED MULTILAYER				✓						
	SOLID PLANK (WIDTH UP TO 180mm)				✓						
	SOLID PLANK (WIDTH ABOVE 180mm)										
WOOD BLOCK				✓							

# ARDEX AF 145

## PRESSURE SENSITIVE VINYL AND RUBBER ADHESIVE



ARDEX AF 145 is a water-based, solvent-free, low-odour, pressure sensitive and wet set acrylic emulsion-based floorcovering adhesive. With reduced airing, and long open time, ARDEX AF 145 offers excellent application properties and produces a high bond strength with permanent high tack.

### Suitable for:

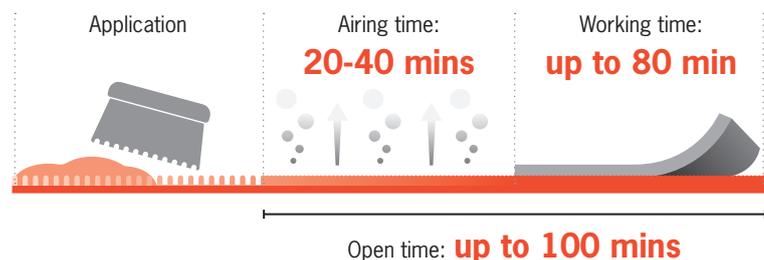
- Vinyl Sheet
- Vinyl Composition Tiles
- Cushioned Vinyl
- Luxury Vinyl Tiles

### Attributes:

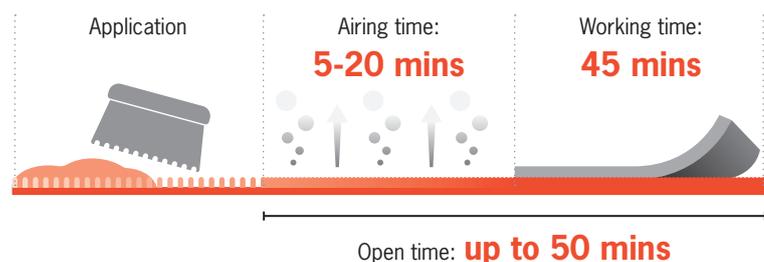
- Ready to receive floorcoverings in as little as 20 minutes
- Can receive vinyl sheet up to 80 minutes after airing
- Excellent early and long term adhesive strength
- Can also be used as a wet set adhesive
- Suitable for use over underfloor heating systems
- Solvent free
- Covers up to 56m<sup>2</sup>

### Installation Schedule:

#### Pressure sensitive



#### Wet bond



### EMICODE

ARDEX AF 145 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.





# ARDEX AF 175

## FIBRE-REINFORCED LUXURY VINYL TILE ADHESIVE



ARDEX AF 175 is a fibre-reinforced, water-based, solvent-free, low-odour, wet bond acrylic emulsion-based floorcovering adhesive. ARDEX AF 175 offers excellent application properties and produces a high final bond strength with improved indentation resistance and exceptional dimensional stability.

### Suitable for:

- Luxury Vinyl Tiles and Planks
- Cushioned Vinyl
- Vinyl Composition Tiles

### EMICODE

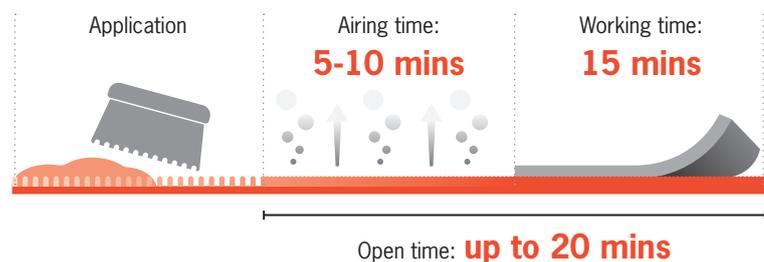
ARDEX AF 175 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### Attributes:

- Fibre reinforced to offer the following benefits:
  - Minimises lateral movement during installation
  - Eliminates adhesive squeeze between tiles and planks
  - Improved indentation resistance
- Install tiles and planks after just 5 minutes
- Walk on after 2 hours
- Suitable for use over underfloor heating systems
- Solvent free
- Covers up to 56m<sup>2</sup>

### Installation Schedule:





# ARDEX AF 180 MS

## ONE-COMPONENT HEAVY DUTY ADHESIVE



12kg

ARDEX AF 180 MS is a solvent-free, low-odour, wet bond MS Polymer based floorcovering adhesive. ARDEX AF 180 MS is protected from biodegradation and has good resistance to plasticiser migration.

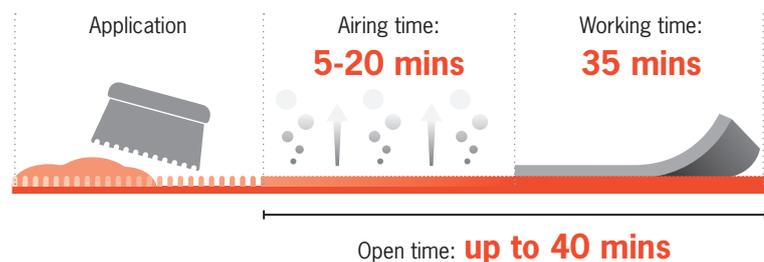
### Suitable for:

- Artificial Grass
- Vinyl Composition Tiles
- Luxury Vinyl Tiles
- Rubber Sheet up to 4mm
- Vinyl Sheet
- Rubber Tiles up to 9mm

### Attributes:

- Moisture, weather and water resistant
- Suitable for internal and external use
- High temperature resistance, for use in areas of direct sunlight e.g. conservatories
- Very high bond strength, for use in high load areas
- Zero waste – ready mixed and resealable
- Very low emissions
- Solvent free
- Covers up to 40m<sup>2</sup>

### Installation Schedule:



### EMICODE

ARDEX AF 180 MS meets the requirement guidelines for the EMICODE licence 'EC1R PLUS', achieving the lowest possible emission limits.





# ARDEX AF 275

## FIBRE-REINFORCED RUBBER FLOORING ADHESIVE



14kg

ARDEX AF 275 is a fibre-reinforced, water-based, low-odour, semi-wet bond, solvent-free acrylic, emulsion-based floorcovering adhesive. ARDEX AF 275 has a very good early and long term adhesive strength and is protected from biodegradation.

### Suitable for:

- Sheet up to 4mm
- Tiles up to 4mm

### EMICODE

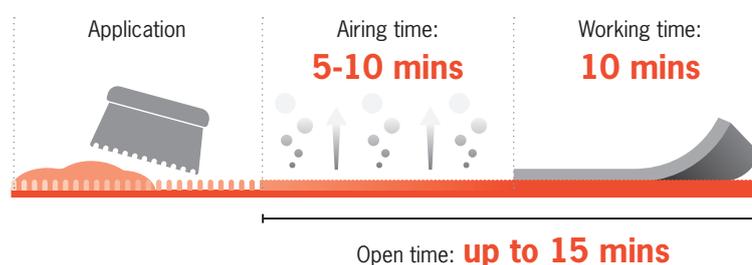
ARDEX AF 275 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### Attributes:

- Fibre reinforced to offer the following benefits:
  - Maximum bond strength
  - Minimal lateral movement during installation
  - Eliminates adhesive squeeze between tile joins
  - Improved indentation resistance
- Ready to receive rubber floorcoverings in as little as 5 minutes
- Suitable for installing rubber flooring up to 4mm thick
- Suitable for use over underfloor heating systems
- Solvent free
- Covers up to 47m<sup>2</sup>

### Installation Schedule:





# ARDEX AF 480 MS

## ONE-COMPONENT FIRM-ELASTIC TIMBER ADHESIVE



18kg

ARDEX AF 480 MS is a solvent-free, low-odour, wet bond, MS Polymer based floorcovering adhesive. ARDEX 480 MS is protected from biodegradation and has good resistance to plasticiser migration.

### Suitable for:

- Small Format
- Engineered
- Solid Planks
- Cork

### EMICODE

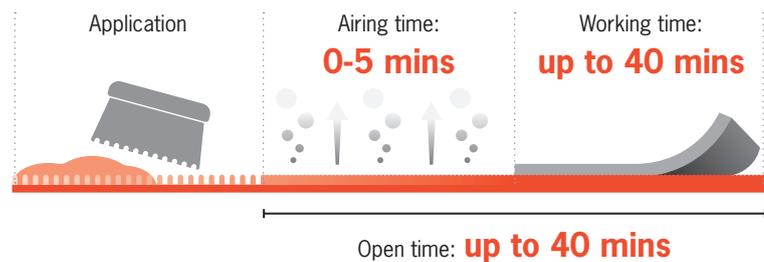
ARDEX AF 480 MS meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### Attributes:

- Moisture, weather and water resistant
- High temperature resistance - for use in areas of direct sunlight
- Very high bond strength
- Very low emissions
- Solvent free
- Covers up to 42m<sup>2</sup>

### Installation Schedule:





# ARDEX AF 825

## SURFACE TACKIFIER FOR CARPET TILES



ARDEX AF 825 is a water-based, extremely low-odour, solvent-free, acrylic, emulsion-based floorcovering tackifier. ARDEX AF 825 has a short airing time and permanent tack. It is protected from biodegradation and has good resistance to plasticiser migration.

### Suitable for:

- Bitumen Backed Carpet Tiles
- Carpet Underlay\*
- Gel Backed Carpet Tiles
- PVC Carpet Tiles

\*Double Stick

### EMICODE

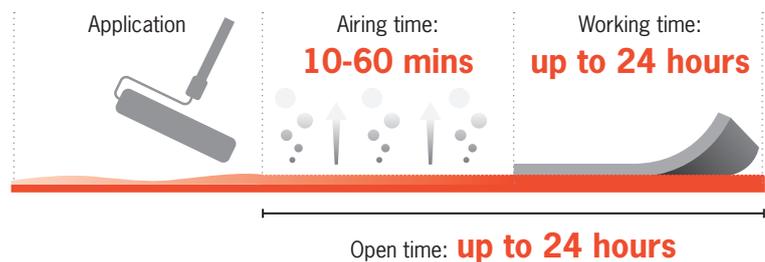
ARDEX AF 825 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### Attributes:

- Install floorcoverings in as little as 10 minutes, or up to 24 hours after application
- Instant release allows worn or damaged tiles to be removed easily
- Suitable for raised access flooring
- Suitable for use over underfloor heating systems
- Extremely low odour
- Solvent free
- Covers up to 125m<sup>2</sup>

### Installation Schedule:





# ARDEX AF 2270

## UNIVERSAL CONDUCTIVE ADHESIVE



ARDEX AF 2270 is a fibre-reinforced, water-based, low-odour, solvent-free, acrylic floorcovering adhesive for conductive floor installation. ARDEX AF 2270 is ideal for use in conductive applications for all types of PVC, textile, linoleum, and rubber floorcoverings.

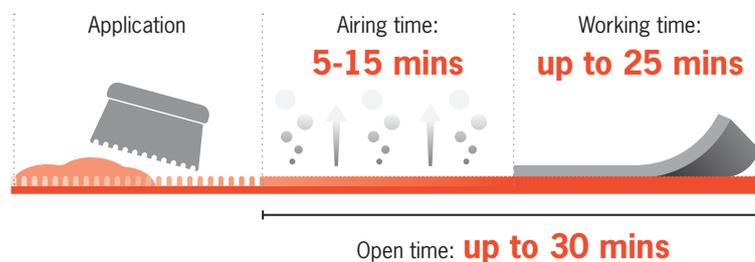
### Attributes:

- Suitable for installing all main floorcovering types
- High temperature resistance, suitable for use over underfloor heating systems
- Solvent free
- Covers up to 67m<sup>2</sup>

### Suitable for:

- Luxury Vinyl Tiles and Planks
- Textiles - Rubber up to 2.5mm
- Linoleum
- Vinyl Sheet
- Cushioned Vinyl

### Installation Schedule:



### EMICODE

ARDEX AF 2270 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



**Available on indent order only.**  
**Estimated 12 week lead time.**



# ARDEX AF 2365

## UNIVERSAL FLOORING ADHESIVE



14kg

ARDEX AF 2365 is a universal adhesive, ideal for installing all types of vinyl floorcoverings, textiles, linoleum and rubber up to 2.5mm thick. It offers excellent application properties and is protected from biodegradation.

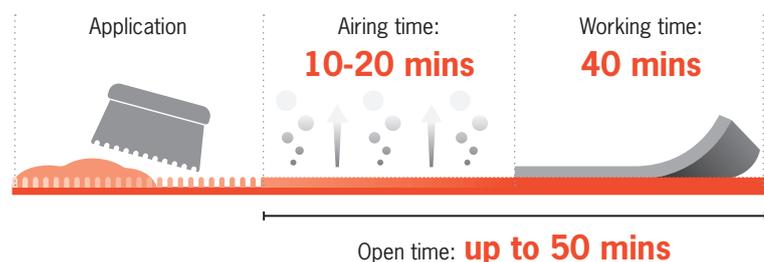
### Suitable for:

- Luxury Vinyl Tiles
- Vinyl Sheet
- Cushioned Vinyl
- Textiles
- Rubber up to 2.5mm
- Linoleum

### Attributes:

- Suitable for installing all main floorcovering types:
  - Luxury Vinyl Tiles and Planks
  - Textiles
  - Rubber up to 2.5mm
  - Linoleum
  - Vinyl Sheet
  - Cushioned Vinyl
- Suitable for use over underfloor heating systems
- Solvent free
- Covers up to 67m<sup>2</sup>

### Installation Schedule:



### EMICODE

ARDEX AF 2365 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.





# ARDEX AF 2525

## TWO-COMPONENT HEAVY DUTY ADHESIVE



ARDEX AF 2525 is ideal for installing all types of vinyl, rubber, dense non-absorbent backed floorcoverings, some timber floorcoverings, and exterior floorcoverings such as artificial grass. It can be used with all ARDEX Latex and Water-Based Levelling and Smoothing Compounds in both commercial and domestic internal and external locations.

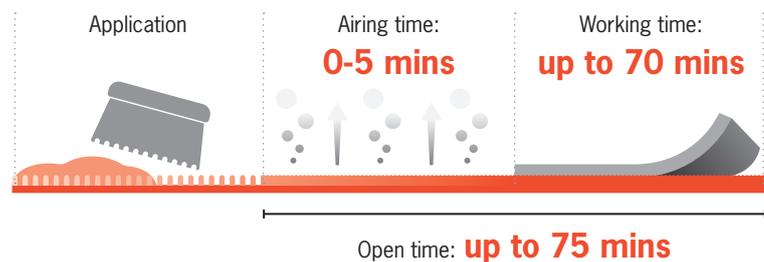
### Suitable for:

- Artificial grass
- Luxury Vinyl Tiles
- Vinyl Sheet
- Vinyl Composition Tiles
- Rubber Tiles up to 9mm
- Wood

### Attributes:

- Moisture, weather and water resistant
- Suitable for internal and external use
- High temperature resistance, for use in areas of direct sunlight e.g. conservatories
- Very high bond strength, for use in high load areas
- Easy to mix and apply
- Very low emissions
- Solvent free
- Covers up to 20m<sup>2</sup>

### Installation Schedule:



### EMICODE

ARDEX AF 2525 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.





# ARDEX AF 620

## WATER-BASED CONTACT ADHESIVE



ARDEX AF 620 is a water-based, solvent-free, low-odour, dispersion contact floorcovering adhesive. ARDEX AF 620 has a reduced airing, and long open time, and also a high bond strength with permanent high tack.

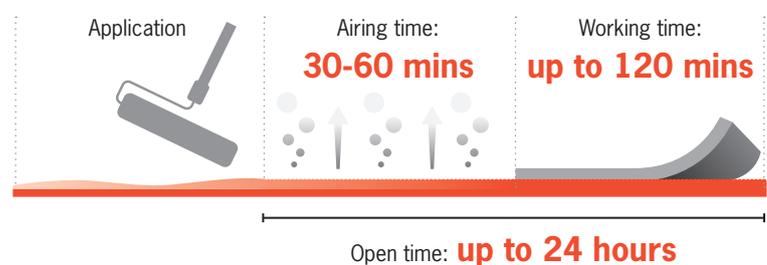
### Suitable for:

- Heterogenous and homogenous vinyl
- Cushioned vinyl
- Carpet and textile (including needle punch)
- Linoleum
- Rubber
- ARDEX WeldTec fleece membranes (e.g. ARDEX WPM 750)

### Attributes:

- Suitable for installing all main floorcovering types;
- Excellent early and long term adhesive strength
- Can receive floorcoverings as early as 30 minutes
- Can be applied to floorcoverings 24 hours in advance
- Suitable for use over underfloor heating systems
- Trafficable directly after laying
- Excellent resistance to plasticiser migration
- Very low emissions
- Solvent free
- Covers up to 7m<sup>2</sup>

### Installation Schedule:







# CHOOSE YOUR SOLUTION

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All ARDEX Flooring Adhesives are designed to work with our range of Levelling and Smoothing Compounds, in both commercial and domestic environments, and have been developed and tested to be fully compatible with the most commonly used floorcovering types.

ARDEX offer a full system solution, enabling you to carry out the correct preparation on the most common subfloor types, helping to ensure the perfect flooring installation every time.

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### Dry Floors

(RH below 75%)

### Damp Floors

(RH above 75%)

Priming  
**ARDEX P 51**



No priming  
required

Moisture control  
**ARDEX WPM 300**



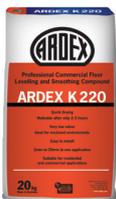
RH 75% - 95%  
(Functioning DPM)

Moisture control  
**ARDEX MC Rapid**



RH 75% - 95%  
(No functioning DPM)

Levelling & smoothing  
**All appropriate  
ARDEX levelling and  
smoothing compounds**



Levelling & smoothing  
**ARDITEX NA**



Levelling & smoothing  
**All appropriate  
ARDEX levelling and  
smoothing compounds**



Levelling & smoothing  
**All appropriate  
ARDEX levelling and  
smoothing compounds**



Flooring adhesives



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# ARDEX NEW ZEALAND

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## **ARDEX NEW ZEALAND LIMITED**

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Technical Hot Line: 0800 2 ARDEX





0800 227 339  
[www.ardex.co.nz](http://www.ardex.co.nz)