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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 70 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.

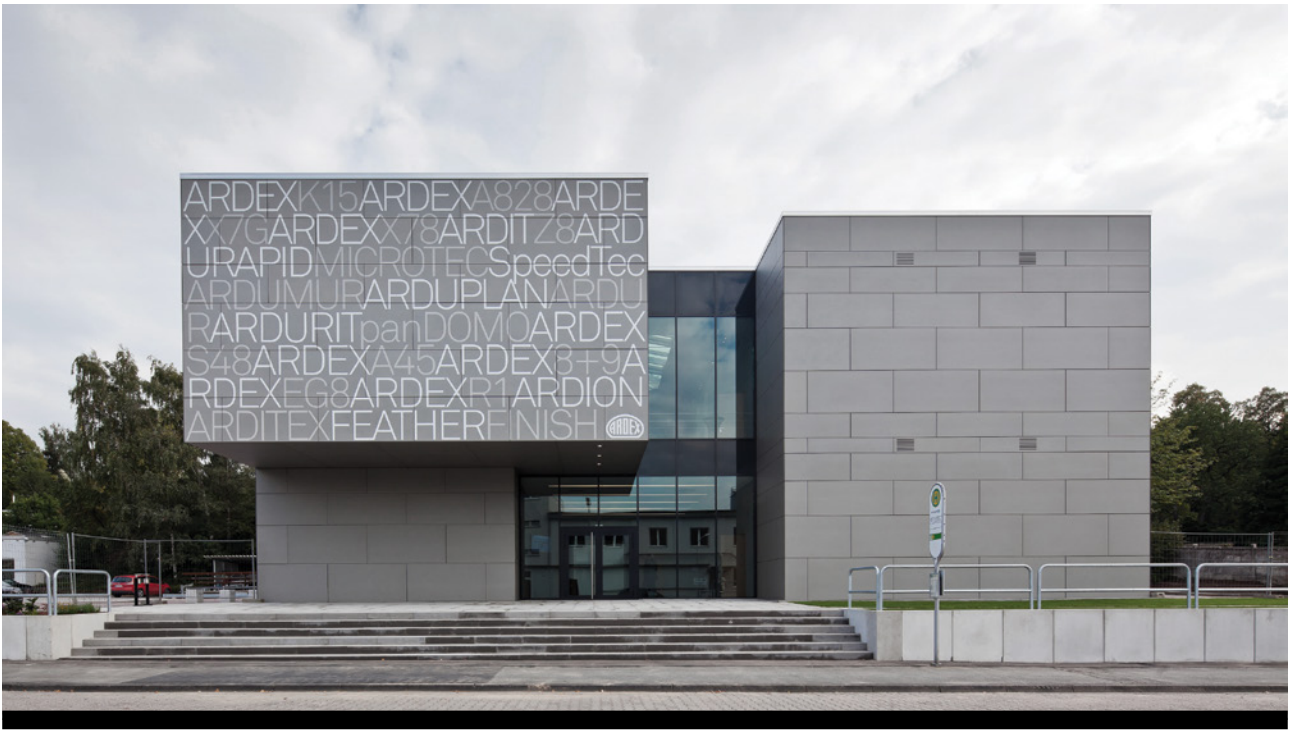
When it comes to floor levelling and adhesives, waterproofing membranes and decorative finishes, ARDEX is the brand of choice for installers and wholesalers.

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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 67 subsidiaries and over 4,000 employees in more than 50 countries. It's no coincidence ARDEX is regarded as the premium partner in the buildings chemicals sector.





# INNOVATION

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

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

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

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



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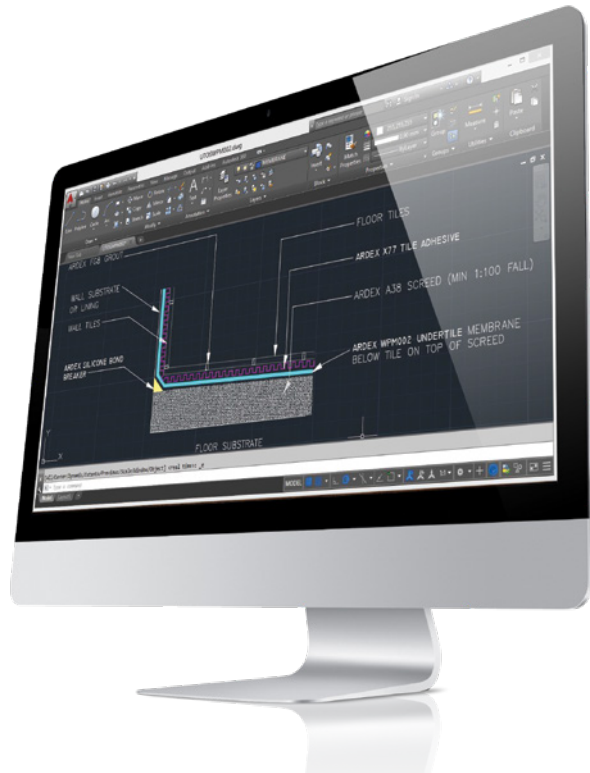
# SYSTEM ARDEX

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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.

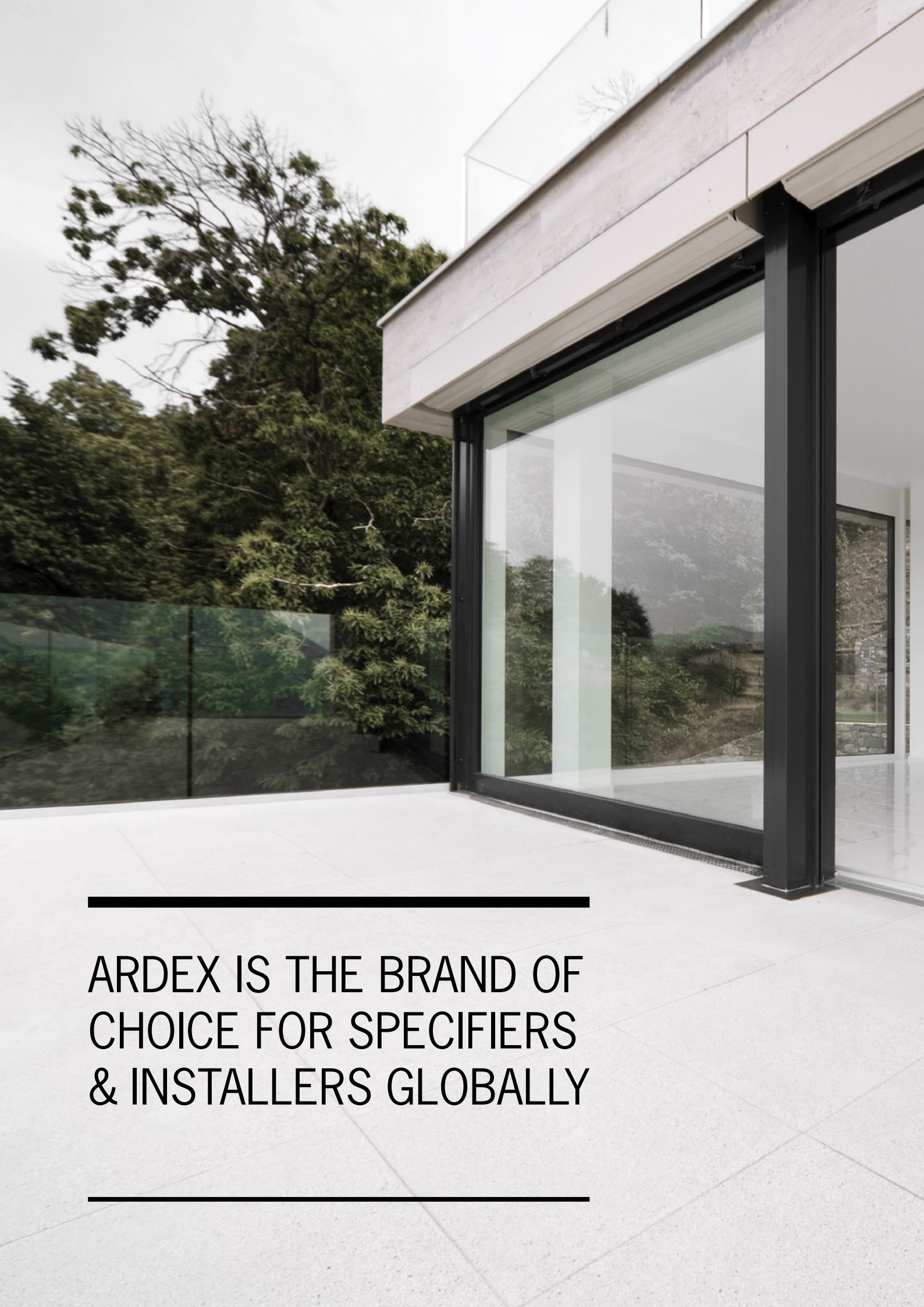


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As a longstanding partner to trade, we know the practical requirements first-hand. Our vast experience with materials and working methods and our constant dialogue with customers in the skilled trades are our most important source of inspiration. We 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.



**SYSTEMARDEX**  
PREMIUM PERFORMANCE

A photograph of a modern building with large glass windows and a balcony. The building is situated in a lush, green environment with trees in the background. The foreground shows a light-colored, paved area. The text "ARDEX IS THE BRAND OF CHOICE FOR SPECIFIERS & INSTALLERS GLOBALLY" is overlaid on the image, framed by two horizontal lines.

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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.



ARDEX is committed to sustainability and has taken steps to reduce our carbon emissions, which has helped us achieve carbonreduce certification from Toitū Envirocare. ARDEX has a long-term plan in place to reduce carbon emissions and minimise climate impact. To measure progress Toitū conducts an annual audit of gross emissions. ARDEX is proud to be Toitū certified and to do our part for the environment.



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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 227 339**

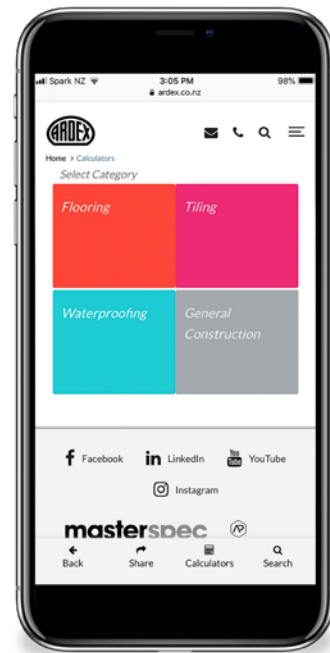
**ardex.co.nz**

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

 **facebook.com/ARDEXNZ**

 **youtube.com/ardexaustralia**

 **@ardexnewzealand**



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The ARDEX website is optimised for mobile devices and features an easy-to-use product calculator tool, as well as other helpful tools available in the palm of your hand. Scan the QR code below to access the ARDEX website on your mobile phone.



**ardex.co.nz**









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# ARDEX RECOMMENDED ADHESIVES GUIDE

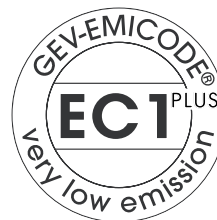
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All ARDEX Flooring Adhesives are designed to work with our complete range of Levelling and Smoothing Compounds, in both commercial and domestic environments, and have been developed and tested to be fully compatible with today's most commonly used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

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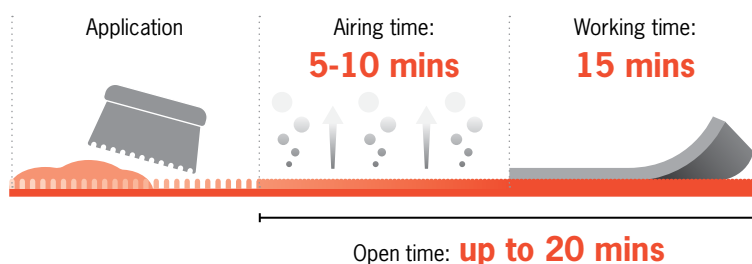
All ARDEX Flooring Adhesives meet the requirement guidelines for the EMICODE licence, achieving the lowest possible, or very low emission limits.

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.



		ADHESIVE TYPE							
		ARDEX AF 143 (Pressure-Sensitive Adhesive)	ARDEX AF 145 (Pressure Sensitive Adhesive)	ARDEX AF 175 (Luxury Vinyl Tile Adhesive)	ARDEX AF 180 MS (Heavy Duty Adhesive))	ARDEX AF 325 (Low Emission Carpet Adhesive)	ARDEX AF 480 MS (Timber Adhesive)	ARDEX AF 2365 (Universal Flooring Adhesive)	ARDEX AF 2525 (Heavy Duty Adhesive)
VINYL	LUXURY VINYL TILE AND PLANKS		✓	✓	✓			✓	✓
	VINYL SHEET		✓	✓	✓			✓	✓
	CUSHIONED		✓	✓	✓			✓	
	COVING/SKIRTING								
	VINYL COMPOSITION TILE	✓	✓	✓	✓			✓	✓
LINOLEUM	JUT/HESSIAN BACKED							✓	
	POLYSTER BACKED SHEET							✓	
	POLYESTER BACKED TILES							✓	
CARPET	WOVEN					✓		✓	
	ACTIONBAC					✓		✓	
	GEL FOAM		✓			✓		✓	
	NEEDLEPUNCH / FIBREBOND					✓		✓	
	SECONDARY BACKED					✓		✓	
	FELT					✓		✓	
	LATEX		✓			✓		✓	
	PVC		✓		✓	✓		✓	
	ARTIFICIAL GRASS				✓	✓			✓
CARPET TILES	BITUMEN BACKED							✓	
	PVC	✓						✓	
	GEL BACKED							✓	
UNDERLAY	CARPET UNDERLAY		✓	✓	✓	✓		✓	✓
RUBBER	SHEET UP TO 4mm		✓		✓				
	TILES UP TO 4mm		✓		✓				✓
	TILES ABOVE 4mm				✓				✓
CORK	NATURAL						✓		
PARQUET/WOOD	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 143

## PRESSURE SENSITIVE FLOORCOVERING ADHESIVE



14kg

ARDEX AF 143 is a pressure sensitive vinyl adhesive, designed to dry quickly to allow faster installation. When used in the ARDEX System the higher performance formulation is designed for use with smaller notch trowels to increase coverage and speed installation.

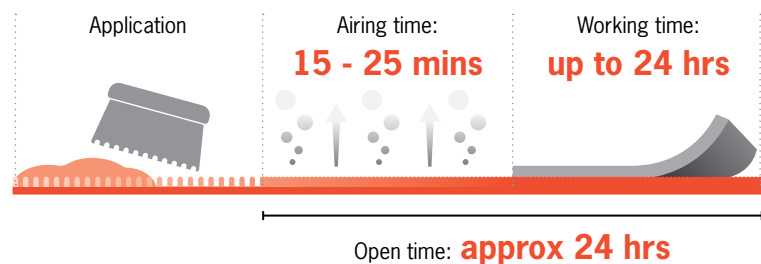
### Suitable for:

- Vinyl composition tiles
- Most vinyl backed carpet tile
- Dual bond carpet pad underlay
- Hardboard underlayment board approved to AS2458
- Carpet pad underlay
- Dry concrete where there is less than 5.5% moisture content or 70% RH
- Cementitious underlayment

### Attributes:

- Fast tack-off for rapid installation
- 24 hour working time
- Solvent free
- Covers 48m<sup>2</sup> CV Floorcovering and 40m<sup>2</sup> vinyl sheet/LVT/CV/ Rubber flooring

### Installation Schedule:









# ARDEX AF 145

## PRESSURE SENSITIVE VINYL AND RUBBER ADHESIVE



14kg

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:

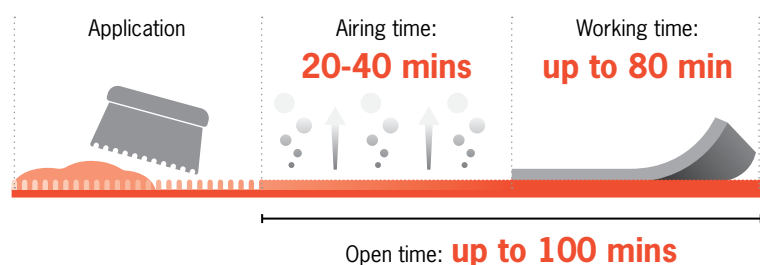
- Vinyl Sheet
- Vinyl Composition Tiles
- Cushioned Vinyl
- Luxury Vinyl Tiles

### Attributes:

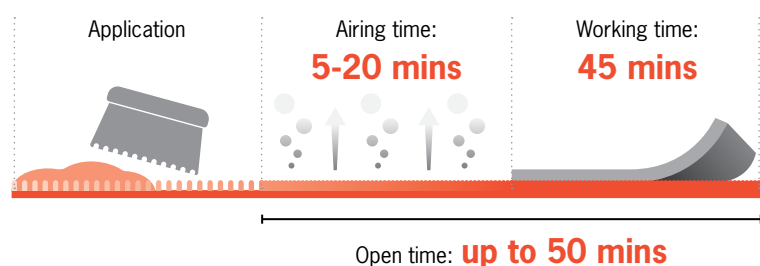
- Ready to receive floorcoverings in as little as 20 minutes
- Can receive vinyl sheet up to 80 minutes after airing
- Excellent early and long term adhesive strength
- Can also be used as a wet set adhesive
- Suitable for use over underfloor heating systems
- Solvent free
- Covers up to 56m<sup>2</sup>

### 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



14kg

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

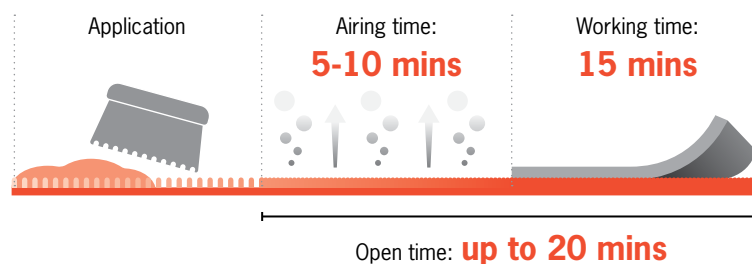
ARDEX AF 175 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### 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.

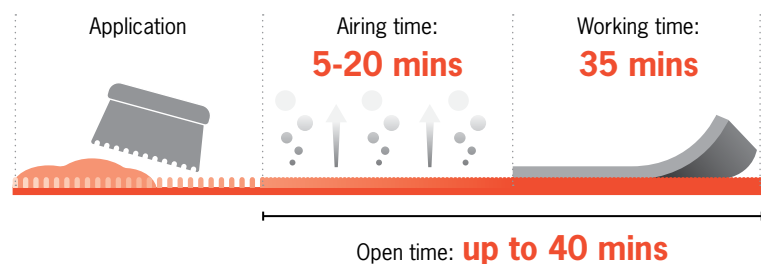
### Suitable for:

- 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 325

## LOW EMISSION CARPET ADHESIVE



ARDEX AF 325 Carpet Adhesive is designed to provide excellent early grab for immediate installation. Ideal for installing all textile floorcoverings.

### Suitable for:

- All textile floorcoverings including fibre bonded, needle punch, latex and rubber foam backed, Hessian, polypropylene, nylon, “action-bac”, felt and resin backed carpets, and natural carpets, such as sea grass/Hessian/jute
- Cementitious underlayment and concrete with moisture content that complies with AS 1884:2021
- Timber substrates that comply with AS 1884:2021
- Hardboard underlay board approved to AS 2458

### EMICODE

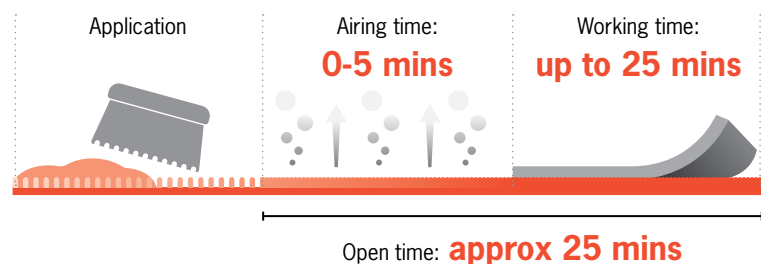
ARDEX AF 325 meets the requirement guidelines for the EMICODE licence ‘EC1 PLUS’, achieving the lowest possible emission limits.



### Attributes:

- Excellent early grab means that carpet can be installed immediately
- 20 minute extended working time
- Rapid strength development
- High temperature resistance, suitable for use over underfloor heating systems
- Low odour
- Solvent free
- Covers up to 35m<sup>2</sup>

### Installation Schedule:









# ARDEX AF 480 MS

## ONE-COMPONENT FIRM-ELASTIC TIMBER ADHESIVE



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

### Attributes:

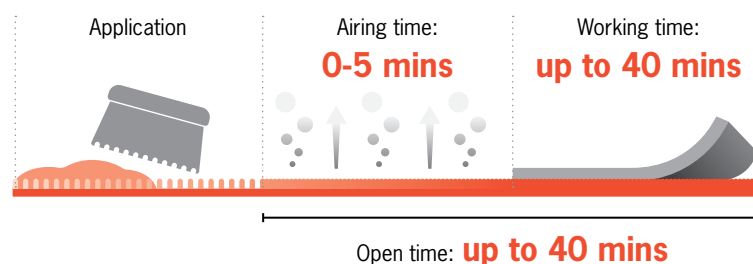
- Moisture, weather and water resistant
- High temperature resistance - for use in areas of direct sunlight
- Very high bond strength
- Very low emissions
- Solvent free
- Covers up to 42m<sup>2</sup>

### EMICODE

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



### Installation Schedule:







# ARDEX AF 2365

## UNIVERSAL FLOORING ADHESIVE



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

### EMICODE

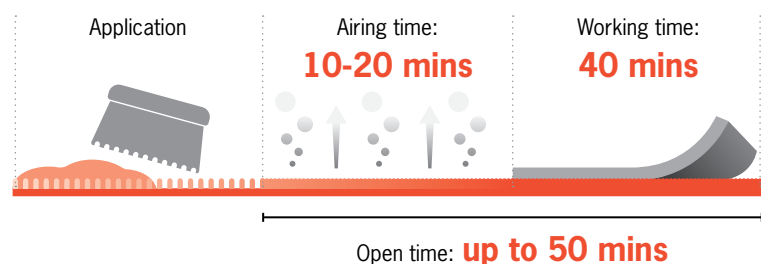
ARDEX AF 2365 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.



### 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:









# 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.

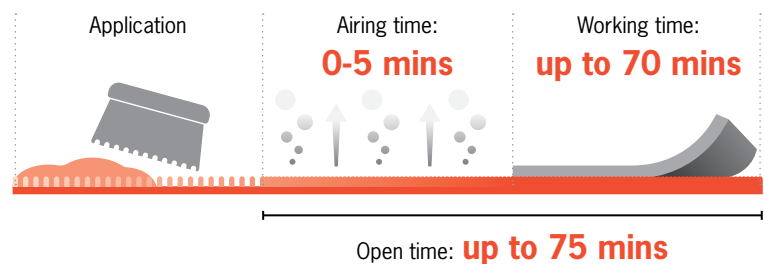
### Suitable for:

- 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.











# 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**



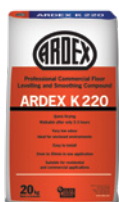
RH 75% - 95%  
(Functioning DPM)

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