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# FLOORING AND SUBSTRATE PREPARATION SYSTEMS

2024 Product Guide

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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 group companies, and over 4,000 employees in over 50 countries. It's no coincidence ARDEX is regarded as the premium partner in the building materials sector.





# INNOVATION

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Since it was founded in 1949, ARDEX has been known all over the globe as an innovative 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 Arditex, X 77, FG 8 Grout and WeldTec® 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. This 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 of cutting-edge customer insight research, close cooperation with associations and universities, and strong interaction between sales, marketing, technical services 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.

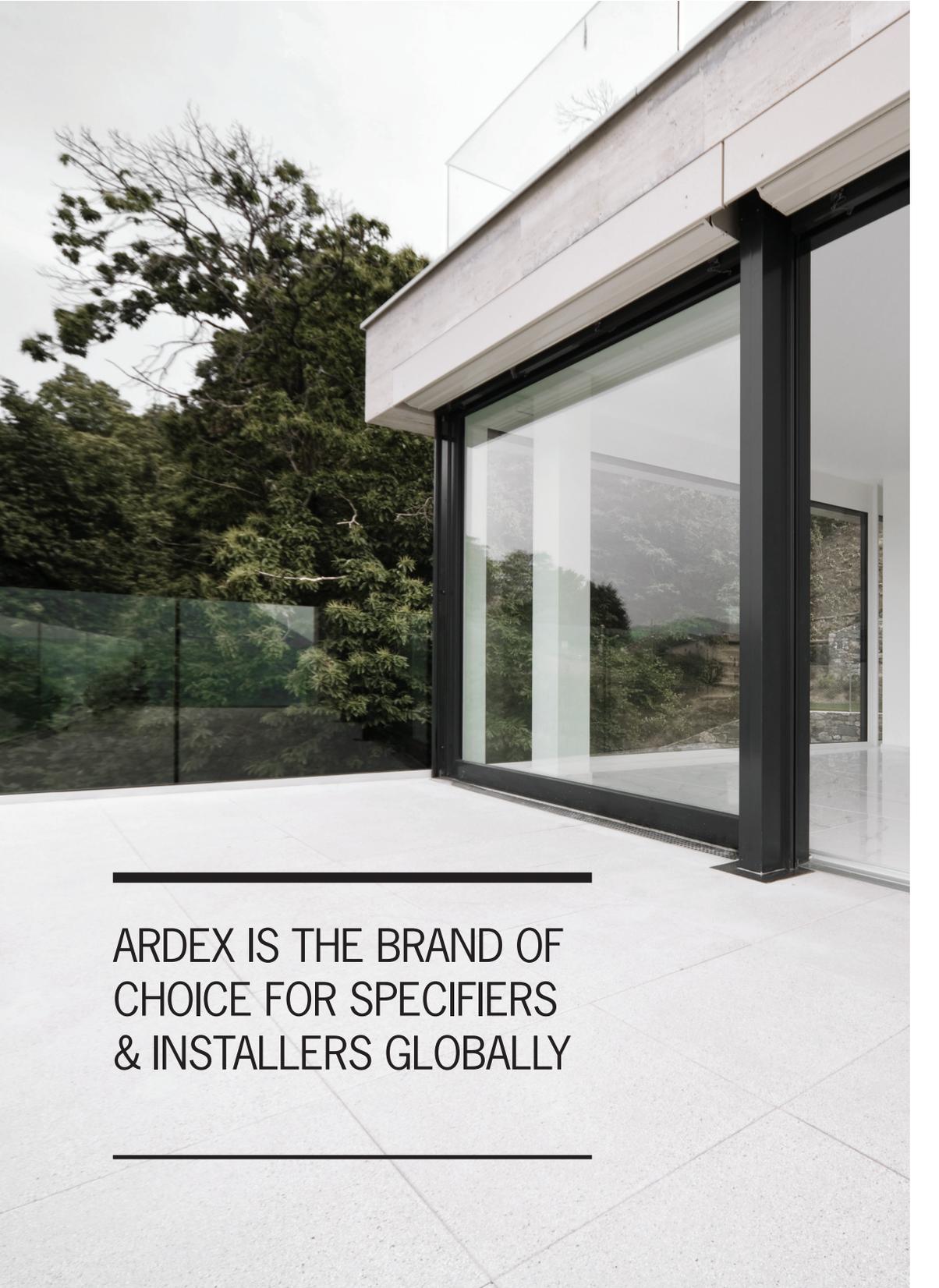
ARDEX products, systems and services are designed to ensure professional contractors have the competitive advantage of a lower total cost of installation through superior performance.



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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 skilled trades are our most important source of inspiration. We draw on this to develop product systems that command respect in the market place. Our systems are optimally matched and extremely cost-effective thanks to their ease and speed of processing and high coverage.





ARDEX IS THE BRAND OF  
CHOICE FOR SPECIFIERS  
& INSTALLERS GLOBALLY

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# WARRANTIES

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The major point of difference between a SystemARDEX™ warranty and other warranties is the extent of 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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A SystemARDEX™ 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.

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

The SystemARDEX™ Warranty is project specific and warrants that the SystemARDEX™ combination of products forming 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 ongoing 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 undertile liquid waterproofing training
- ARDEX floor levelling training
- ARDEX WeldTec® Membrane training
- ARDEX external waterproofing training - Butynol®, TPO and Torch On
- ARDEX retail 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 a business principle at ARDEX where we focus on creating products of premium quality and functional performance, coupled with exceptional reliability and durability. In addition, sustainability is one of the cornerstones of our corporate philosophy. We demonstrate our commitment to the pillars of sustainability – environment, economic and social, in both our daily work, as well as our long-term goals.



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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Long before it became a buzzword, the concept of sustainability was already an integral part of the ARDEX corporate philosophy.

- High-coverage ARDEX products takes care of large surface areas with minimal material, cutting down on processing, transport and waste packaging.
- Reduce back-and-forth travel to the building site with ARDEX products providing fast, easy installation.
- ARDEX products are engineered for a long life, meaning less wastage and more saved resources.
- ARDEX remedial and repair products are great for refurbishments - eliminating the need for a demolition and new build using up more resources.
- High-quality ARDEX sub-floor smoothing compounds create extremely even surfaces, meaning far less adhesive is required to affix the flooring.

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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**

**info@ardexnz.com**

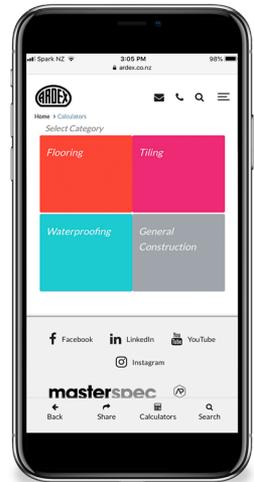
Also visit our Facebook, Instagram and Youtube pages for product news and updates, introduction to new products and access to our extensive video library.

 **facebook.com/ARDEXNZ**

 **youtube.com/@ardexnewzealand**

 **@ardexnewzealand**

 **linkedin.com/company/ardex-new-zealand**



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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** 



# PRODUCT INFORMATION

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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.



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

## FLOOR PREPARATION COMPARISON

	Description	Ready for Coverings	Application Thickness	External Application	Curing Technology
A 30	Patching & Ramping Compound	1 hour	0–20mm in one Application	No	Chemical Hydration
A 38	Rapid Set Screed Cement	Variable	Unbonded 35mm Bonded 15mm	Yes	Chemical Hydration
A 45	Internal Patching & Ramping	1.5 hours	2–30mm in one Application	No	ARDURAPID
A 46	External Patching & Ramping	From 24 hours	2 to 30mm	Yes	Chemical Hydration
A 48	Premixed Rapid Setting Screed Mix	Variable	Unbonded minimum 35mm. Bonded 15mm	Yes	Chemical Hydration
K 60 ARDITEX	Levelling with Flexibility	From 24 hours Tiles from 4-5 hours	Feather to 12mm 10–30mm with 2–5mm Aggregate	Yes	Chemical Hydration
Feather Finish™	Rapid Drying Smoothing	15 mins	3mm Feather Edge	No	ARDURAPID
Fine Finish	Finish Coat Smoothing Compound	20 mins	3mm Feather Edge	No	Chemical Hydration
K 65	Single Part Timber Floor Leveller	24-48 hours	3-20mm 20-50mm with aggregate	No	Chemical Hydration
K 900 BF	Bulk Fill Levelling	From 16 hours (for further smoothing compounds)	3mm to 90mm	Yes, if covered by waterproofing	Chemical Hydration
K 12 New	Levelling & Smoothing	From 18 hours	1.5 to 35mm	No	Chemical Hydration
K 15 Micro	Performance Levelling	16 hours	Feather to any depth	No	ARDURAPID
K 80	Industrial Levelling	24 hours	5 to 50mm	No	ARDURAPID
K 125	Economical Levelling	From 18 hours	2.5 to 15mm	No	Chemical Hydration
K 275	Commercial Levelling	Tiles from 4 hours	2 to 25mm	No	Chemical Hydration
K 301	External Levelling & Smoothing	From 24 hours	2 to 20mm	Yes	Chemical Hydration
MRF	Smoothing Compound	From 30 mins	Up to 6mm internal and external 3mm internal timber	Yes	Chemical Hydration

Note: This is intended as a guide only (product applications and limitations). Current Technical Datasheets should always be consulted to ensure that the product is fit for its intended purpose.





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# PRIMING, ADMIX, & SEALING

ACCESSORIES, MOISTURE  
CONTROL & WATERPROOFING

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# ARDEX P 51

## POROUS SUBSTRATE PRIMER



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

### Application

Internal dry surfaces only

### Coverage

- 6–10m<sup>2</sup>/L onto porous concrete
- Up to 150m<sup>2</sup>/5L container when diluted with 10L water

### Dilute

1:2 parts with water

### Drying Time

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

Packaging	Code
5L containers	10231

# ARDEX P 82

## NON-POROUS SUBSTRATE PRIMER (INDENT)



ARDEX P 82 is a solvent free, two component synthetic resin primer and bonding agent for application of ARDEX Underlayments on dense and smooth substrates. Substrates include 35+MPa concrete, wood and wood-based panels, terrazzo, glazed and quarry tiles and steel decking.

### Application

Internal dry surfaces only

### Coverage

5–10m<sup>2</sup>/L onto non-porous concrete

### Drying Time

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

Packaging	Code
2kg kit	10233
8kg kit	10157

Ordering	Lead Time
Available on indent only	12 Weeks Approx

# ARDEX P 9

## SINGLE PART PRIMER



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

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

### Location

Internal or external

### Substrates

- Compressed fibre-cement sheets
- Concrete, masonry and lightweight concrete blocks
- Autoclave aerated concrete (AAC)
- Existing glazed tiles (tiles to be de-glazed before priming)

### Coverage

6–10m<sup>2</sup>/L when diluted

### Drying Time

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

### Packaging

4L Pail

### Code

16778

# ARDEX E 25

## SYNTHETIC RESIN DISPERSION ADDITIVE



ARDEX E 25 is a liquid admixture designed to enhance tensile strength, improve surface toughness and increase flexibility of selected ARDEX compounds.

Used particularly with ARDEX K 15 in applications including levelling over tiles with P 82 primer or ARDEX WPM 300 moisture barrier. Also used in high traffic areas to resist indentations from heavy loads.

### Application

For use with ARDEX K 15 Micro, K 12 new, K 120, K 220, K 900 BF and A 45.

### Packaging

5L Jerry Can

### Code

10230

# ARDEX WPM 163

**PENETRATIVE  
CONCRETE SEALER AND  
INCONTINENCE BARRIER**



ARDEX WPM 163 is a clear water-based penetrative sealer for internal and outdoor concrete surfaces. Being very low in odour ARDEX WPM 163 is particularly suitable for incontinence barriers in health care institutions.

## Location

Internal and external

## Installation

Roll, brush or spray

## Substrates

- Concrete
- Cement renders
- Sandstone
- Clay
- Concrete masonry
- ARDEX cementitious compounds including A 45, K 80 and K 15 Micro

## Drying & Curing

- 1st coat 30–60 minutes
- Recoat after 60 minutes
- Accepts light traffic after 24 hours and fully cures in 7 days

## Coverage

15m<sup>2</sup>/L/coat – Number of overcoats relative to substrate porosity and application.

## Packaging

20L Pail

## Code

10194

# ARDEX R 21 PU

**CLEAR POLYURETHANE  
ANTI-SCRATCH VARNISH**



ARDEX R 21 PU is a transparent, anti-scratch two-component aliphatic polyurethane coating suitable for finishing and protecting polymeric and concrete flooring, increasing resistance to scratching and abrasion, and providing outdoor stability and chemical resistance.

## Location

Internal and external

## Substrates

- Protective coating over ARDEX R 76 PU or ARDEX R 50 ES

## Coverage

80-90g/m<sup>2</sup> per coat

## Density

Approx. 1.1kg/L

## Working Time

Approx. 50 minutes

## Drying Time

- Touch Dry: 5 Hours
- Trafficable: 48 Hours
- Full Cure: 7 Days

## Packaging

Part A 7.5kg

Part B 2.5kg

## Code

38103

38104

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# MOISTURE CONTROL & WATERPROOF MEMBRANES

ACCESSORIES, MOISTURE  
CONTROL & WATERPROOFING

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# ARDEX WPM 155 RAPID



## MODIFIED POLYURETHANE WATERPROOFING MEMBRANE

ARDEX WPM 155 Rapid is a water-based polyurethane-acrylic waterproofing membrane developed for high performance under-tile waterproofing.

- BRANZ Appraised (No. 472 & 473)
- Fast drying Polyurethane acrylic membrane
- Class III membrane – in accordance with AS 4858 requirements
- Meets New Zealand Green Building Council of Greenstar requirements MAT-4
- Rapid system used in conjunction with ARDEX STB Tape

### Location

Internal and external wet areas, balconies, decks, and other areas that will be tiled or covered by vinyl.

### Substrates

Concrete, renders and screeds, fibre cement, plasterboard, plywood\*

### Coverage

- Floors: 8.6m<sup>2</sup> (2 coats) D.F.T.\*\* – 1.0mm
- Walls: 17.2m<sup>2</sup> (2 coats) D.F.T. – 0.5m

### Colours

Blue Grey

### Drying Time

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

### VOC Content

42g/L

### Packaging

5.3kg (4L) pail  
20kg (15L) pail

### Code

41064  
40938

# ARDEX WPM 002



## WATERPROOF MEMBRANE

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

- Rapid drying time – can be tiled over in 16–24 hrs
- Fibre reinforced – no need for reinforcing mat
- BRANZ Appraised (No. 472 & 473)
- Meets New Zealand Green Building Council of Greenstar requirements MAT-4

### Location

Internal and external

### Substrates

Concrete, renders and screeds, fibre cement, plasterboard, plywood\*, ARDEX cementitious compounds including A 45 and K 15 Micro.

### Coverage

- 40kg kit: covers approx. 16m<sup>2</sup> to 24m<sup>2</sup> (2 coats)
- Floors: 16m<sup>2</sup> (2 coats) D.F.T. – 1.2mm
- Walls: 24m<sup>2</sup> (2 coats) D.F.T. – 0.8mm

### Colours

- Liquid: White
- Powder: Off White

### Drying Time

- 1st coat: 1–2 hours
- 2nd coat: 4–6 hours
- Ready for overlay fairing coatings in 24 hours (depending on substrate, temperature & humidity)

### Application

Roller or brush

### Packaging

Part A Liquid: 20kg pail  
Part B Powder: 1 x 20kg bag  
Kit: Part A + Part B

### Code

10595  
10597  
800082

\*Not recommended for external applications.

\*\* Dry Film Thickness

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# ARDEX WPM 300

**SUBSTRATE MOISTURE BARRIER  
& GREEN SLAB PRIMER**



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

- Can be applied to damp surfaces
- Hydrostatic pressure resistant waterproof membrane
- Prevents rising damp and formation of efflorescence
- Water-based – safe to use in sensitive locations
- Meets New Zealand Green Building Council of Greenstar requirements MAT-4

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## Substrates

Brick, masonry, concrete block and stone.

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## Coverage

- Primer or efflorescence barrier: 3m<sup>2</sup>/L (1 coat)
- Moisture barrier: 1.5m<sup>2</sup>/L (2 coats)

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## Performance

Withstands 250kPa of hydrostatic pressure

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## Drying Time

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

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## Application

Internal and external substrates

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Packaging	Code
4L kit	10207
20L kit	8000021

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# ARDEX MC RAPID

**ONE-COAT MOISTURE  
CONTROL SYSTEM**



A one-coat, 100% solids epoxy moisture management system formulated to suppress excessive moisture vapour emissions in new or existing concrete prior to installing an ARDEX underlayment with flooring. Ideal for fast-track installations. When installed in accordance with our written recommendations, ARDEX MC Rapid is suitable for moisture levels up to 98% rH at 40% depth of concrete level and in environments of up to pH 14.

Requires sand to be broadcast to create mechanical key.

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## Location

Internal

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## Substrates

Concrete

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## Coverage

16–18m<sup>2</sup>

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## Colours

Black

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## Drying Time

Walkable after 4 hours, and able to receive ARDEX levelling compounds after 4 hours.

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Packaging	Code
10kg kit	12614

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# ARDEX PU 30

## POLYURETHANE PRIMER & GREEN SLAB SEALER



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ARDEX PU 30 is a one-component polyurethane primer and green slab sealer for use on internal and external porous and non-porous substrates. ARDEX PU 30 penetrates the surface of the substrate blocking capillary moisture up to 95% rH while strengthening and consolidating the surface up to 2mm in depth.

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### Location

Absorbent, smooth and dense surfaces such as concrete, green concrete, floor levelling compounds, fibre cement sheet, fibre cement sheet underlay, sheet timber, plaster, ceramic tiles and terrazzo floors.

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### Substrates

- Concrete
- Green concrete
- Floor levelling compounds
- Smoothing cement
- Fibre-cement sheets
- Sheet timber
- Plaster
- Ceramic tiles
- Terrazzo floors

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### Coverage

- When used as a primer: 110m<sup>2</sup>
- When used as a vapour barrier: 44m<sup>2</sup>

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### Drying Time

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

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Packaging	Code
11kg container	22390

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# HIGH PERFORMANCE SELF-LEVELLING & SMOOTHING

CEMENTITIOUS FLOOR  
PREPARATION

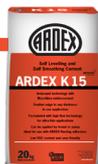
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**ARDURAPID**

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# ARDEX K 15 MICRO



**SELF-LEVELLING  
& SELF-SMOOTHING  
CEMENT**



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ARDEX K 15 Micro is extremely versatile and is suitable for a wide range of substrates. It contains Ardurapid technology with Microfibre reinforcement which allows for high flow properties.

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## Location

Internal in above or below grade applications.

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## Substrates

New, existing or rough screeded concrete, rain damaged concrete which has been mechanically prepared, existing quarry and ceramic tile, steel decking (contact ARDEX Technical Services), timber floors (contact ARDEX Technical Services) and damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system.

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## Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber – parquetry and floating

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## Coverage

4m<sup>2</sup> at 3mm

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## Thickness

- Feather edge to any depth
- Can be bulk filled using 2–5mm aggregate

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## Drying Time

- Walkable in 2 hours
- Ready for vinyl in 16 hours

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## Packaging

20kg triple layered bag

## Code

16632

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# **SPECIAL APPLICATION COMPOUNDS FOR INTERNAL LEVELLING & SMOOTHING**

**CEMENTITIOUS FLOOR  
PREPARATION**

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# ARDEX K 65

## SINGLE PART TIMBER LEVELLER



ARDEX K 65 is an advanced fibre reinforced smoothing and levelling compound for internal use, featuring MICROTEC technology that is designed to rapidly smooth and level new and existing substrates prior to applying a floor finish.

<b>Location</b>	Internal
<b>Substrates</b>	<ul style="list-style-type: none"> <li>• New and existing strip timber</li> <li>• Particleboard, plywood, concrete</li> <li>• Compressed fibre cement flooring, terrazzo, quarry and ceramic tiles</li> <li>• Concrete subfloors with electric under floor heating</li> </ul>
<b>Floor Coverings</b>	Tiles (Ceramic, Porcelain), Carpet, Carpet tiles, Vinyl, LVT, Floating floors
<b>Coverage</b>	Approx. 1.4kg of ARDEX K 65 powder, per square metre, per millimetre.
<b>Drying time</b>	<p>Dependent on site temp, humidity, installation thickness and floor covering type.</p> <p>Walkable from approx. 2 hours. Conventionally laid carpet and floating floors can be installed after approx. 24 hours.</p> <p>Direct Stick applications, such as vinyl flooring, after 48 hours.</p>
<b>Packaging</b>	20kg: 38352

# ARDEX K 60 ARDITEX

## UNIVERSAL SELF-LEVELLING SMOOTHING COMPOUND



ARDEX K 60 ARDITEX new and improved formula is a self-levelling and smoothing compound. Two-part latex liquid and cementitious powder with excellent adhesion properties. ARDEX K 60 ARDITEX is engineered with high water resistance and can be installed under flexible waterproofing membranes. Due to its great flexibility, ARDEX K 60 ARDITEX is the perfect choice for installation over timber floors.

<b>Location</b>	<ul style="list-style-type: none"> <li>• Internal and external</li> </ul>
<b>Substrates</b>	New and existing substrates, damp or moisture vulnerable concrete, ceramic and quarry tiled floors, steel decks, timber floors (contact ARDEX Technical Services)
<b>Floor Coverings</b>	<ul style="list-style-type: none"> <li>• Linoleum, vinyl, carpet</li> <li>• Ceramic and quarry tiles</li> <li>• Floating engineered timber</li> </ul>
<b>Coverage</b>	<ul style="list-style-type: none"> <li>• 12m<sup>2</sup> at 1mm</li> <li>• 4m<sup>2</sup> at 3mm</li> </ul>
<b>Thickness</b>	<ul style="list-style-type: none"> <li>• Feather edge to 12mm</li> <li>• Bulk-fill 10–30mm with 2–5mm aggregate</li> </ul>
<b>Drying Time</b>	<ul style="list-style-type: none"> <li>• Walkable from 2 hours</li> <li>• Ready for most tiling (ceramic, quarry, porcelain, breathable synthetic textile coverings) from 4-5 hours</li> <li>• Ready for floor coverings (rubber, PVC, vinyl, linoleum, wool textile) from 24 hours when installed with less than 12mm thickness</li> </ul>

Packaging	Code
20kg Powder	44764
4.8kg Liquid	44765
Kit (Powder + Liquid)	8806271

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# ARDEX K 125

**LEVELLING &  
SMOOTHING COMPOUND**



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ARDEX K 125 is a fast-drying and high-performance levelling and smoothing compound designed to level and smooth internal subfloors prior to applying floor finishes.

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## Location

Internal

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## Substrates

Dry internal concrete

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## Floor Coverings

- Carpet
- Vinyl
- Floating timber

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## Coverage

4m<sup>2</sup> at 3mm

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## Thickness

- From 2.5–15mm in one application without aggregate
- For thickness over 15–25mm, mix with a well washed and dried 2–5mm aggregate. Mix with water first then add the aggregate in equal volume to mixed mortar while mixing

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## Drying Time

- Walkable from 4 hours
- Ready for tiles from 4 hours
- Ready for floor coverings from 18 hours

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## Packaging

20kg bag

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## Code

44770

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# ARDEX K 275

**FAST-DRY COMMERCIAL  
LEVELLING COMPOUND**



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ARDEX K 275 is a levelling and smoothing compound with a new fast drying formula. Designed to level and smooth internal subfloors prior to applying floor finishes, it is high-performing and easy to use.

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## Location

Internal

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## Substrates

Internal, dry concrete substrates

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## Floor Coverings

- Carpet
- Vinyl
- Floating timber
- Direct stick engineered timber

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## Coverage

4m<sup>2</sup> at 3mm

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## Thickness

- From 2–25mm in one application without aggregate
- For thickness over 25–40mm, ARDEX K 275 first must be mixed with well washed and dried aggregate for 2.5mm in size

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## Drying Time

- Walkable from 4 hours
- Ready for tiles from 4 hours
- Ready for floor coverings from 16 hours
- Ready for direct stick min 3mm after 72 hours

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## Packaging

20kg bag

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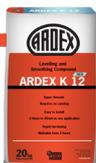
## Code

44771

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# ARDEX K 12 NEW

**LEVELLING &  
SMOOTHING COMPOUND**



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ARDEX K 12 New is designed for experienced commercial contractors to prepare large commercial and retail areas for carpet and vinyl installations. ARDEX K 12 New dries to a super smooth finish eliminating the need for mechanical sanding.

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## Location

Internal in above or below grade applications.

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## Substrates

New and existing or rough screed concrete, rain damaged concrete which has been mechanically prepared, existing quarry and ceramic tiles, steel decking (contact ARDEX Technical Services), timber floors (contact ARDEX Technical Services) and damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system.

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## Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber-parquetry (with the addition of ARDEX E 25) and floating

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## Coverage

4m<sup>2</sup> at 3mm

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## Thickness

- 1.5mm to 35mm
- Can be bulk filled using 2–5mm aggregate

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## Drying Time

- Walkable after 2 hours
- Ready for vinyl in 18 hours

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## Packaging

20kg triple layered bag

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## Code

16631

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# ARDEX K 900 BF

**BULK-FILL  
LEVELLING COMPOUND**



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ARDEX K 900 BF is a cement based underlayment for levelling subfloors prior to the application of a floor finish. Designed with a coarse sand aggregate and minimal flow for the easy and efficient installations of thick layers. It can also be used as a fast set mortar when the water mixing ratio is reduced.

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## Location

- Internal
- External if covered by waterproofing

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## Substrates

New, existing or rough screeded concrete.

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## Floor Coverings

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

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## Coverage

1m<sup>2</sup> at 10mm

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## Thickness

Can be applied from 3mm to 90mm thickness in one application.

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## Drying Time

90mm layer will harden after approx 4 hours at 23°C

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## Packaging

20kg triple layered bag

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## Code

24954

---

# ARDEX ARDIPEG

## SELF-LEVELLING PINS



---

ARDEX ARDIPEG is an inexpensive, time-saving option for mapping elevation requirements when using ARDEX Self-Leveling Underlayments and toppings.

---

### Key Features

- 64mm pin
- Adhesive strip holds the pin securely in place during a pour
- Easy to cut plastic
- Convenient, easy-to-read measurements in millimetres

---

### Installation

- Use a laser, transit or similar method to grid the floor
- Prep and prime the substrate
- Place and trim the pins to the appropriate height
- Install ARDEX Self-leveling Underlayment

---

### Performance

- Sturdy material returns to its original upright position if stepped on or rolled over
- Pins become an invisible part of the matrix

---

Packaging	Code
250 pieces per box	12437

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---

# ARDEX DUSTFREE™

## DUST-REDUCING UNIT FOR MIXING



---

When placed on a mixing barrel and connected to a standard shop vacuum, the ARDEX DUSTFREE™ will help eliminate dust.

---

### Key Features

- Promotes cleaner, greener job site for improved working conditions
- Reduces airborne dust from mixing with drill
- Easy to use

---

Packaging	Code
1 per box	23024

---



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# PATCHING AND SKIMMING COMPOUND

CEMENTITIOUS FLOOR  
PREPARATION

---



**ARDURAPID**

---

# ARDEX A 30

## SLUMP FREE FEATHER EDGE PATCHING COMPOUND



---

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

### Location

Internal above or below grade applications.

### Substrates

New and existing concrete, concrete masonry or cement render and impervious surfaces primed.

### Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber – parquetry and floating

### Coverage

16m<sup>2</sup> at 1mm

### Thickness

0–20mm in one application – Any thickness in well-defined areas.

### Drying Time

- Sets in approximately 20 minutes
- Ready for floor coverings after approximately 60 minutes
- Walkable in 60 minutes

### Packaging

20kg triple layered bag

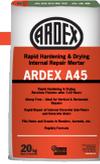
### Code

11285

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# ARDEX A 45

## INTERNAL RAPID DRY REPAIR MORTAR



---

ARDEX A 45 is a rapid drying and rapid hardening slump free repair mortar. With exceptional hardness and shrinkage free finish, ARDEX A 45 is ideal for creating new ramps, forming coves, patch repairs, stairs, making good around penetrations and filling cracks. The surface can be smoothed when wet trowelled prior to final set suitable for the installation of floor coverings.

### Location

- Internal

### Substrates

New and existing concrete, concrete masonry or cement render and impervious surfaces when mixed with ARDEX E 25 and substrate primed with ARDEX P 82.

### Floor Coverings

- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber – parquetry and floating

### Coverage

12m<sup>2</sup> at 1mm

### Thickness

- 2–30mm in one application
- Bulk-fill to 50mm

### Drying Time

- Sets in approximately 15 minutes
- Ready for floor coverings after approximately 90 minutes

### Packaging

20kg triple layered bag

### Code

10237

---

# ARDEX FINE FINISH

**RAPID DRYING  
SMOOTHING COMPOUND**



---

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

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## Location

Internal above grade application.

---

## Substrates

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

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## Floor Coverings

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

---

## Coverage

Up to 70m<sup>2</sup> skim coat

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## Thickness

Feather edge to 3mm.

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## Drying Time

Ready for floor coverings from 20 minutes.

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## Packaging

10kg bag

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## Code

19677

---

# ARDEX FEATHER FINISH™

**RAPID DRY SKIM  
SMOOTHING  
COMPOUND**



---

ARDEX Feather Finish™ is formulated to efficiently smooth surfaces by filling imperfections without the need to use additional material to build a skim coat over the entire surface ensuring three times the coverage of sanded skimming products.

Needing no priming and with Ardurapid fast dry technology, ARDEX Feather Finish™ is ready to receive floor coverings in as little as 15 minutes.

---

## Location

Internal above grade application.

---

## Substrates

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

---

## Floor Coverings

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

---

## Coverage

Up to 70m<sup>2</sup> skim coat

---

## Thickness

Feather edge to 3mm.

---

## Drying Time

Ready for floor coverings from 15 minutes.

---

## Packaging

10kg bag

4.5kg pail

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## Code

10396

10613

---

# ARDEX MRF



## MOISTURE RESISTANT FINISH SKIM PATCHING UNDERLAYMENT

---

ARDEX MRF moisture-resistant, skim coat smoothing compound is designed to provide a smooth surface prior to the installation of ARDEX moisture control systems or moisture-resistant adhesives and flooring.

---

### Location

Internal

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### Substrates

Concrete, wood, existing adhesive residue on concrete, other non-porous substrates

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### Floor Coverings

- Vinyl
- VCT
- Engineered Timber
- Carpet
- Ceramic tile
- Quarry tile

---

### Coverage

- 9m<sup>2</sup> at 1mm thickness
- Up to 30m<sup>2</sup> skim coat

---

### Thickness

Feather edge to 3mm.  
Up to 6mm on concrete.

---

### Drying Time

Ready for floor coverings from 30 minutes.

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### Packaging

10kg bag

### Code

40409

---

# WEAR SURFACE TOPPING

CEMENTITIOUS FLOOR  
PREPARATION

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**ARDURAPID**

---

# ARDEX K 80

**RAPID DRYING  
SELF-LEVELLING  
TOPPING**



---

ARDEX K 80 is an ARDURAPID levelling compound designed to provide a finished wear surface on new or old concrete substrates. The exceptional hardness is resistant to forklifts, trolleys and vehicles making ARDEX K 80 suitable in industrial warehouses and garage applications.

---

## Location

Internal above or below grade applications.

---

## Substrates

New and existing concrete and damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system.

---

## Floor Coatings

- Polyurethane coatings
- Epoxy coatings
- Specialty floor coatings

---

## Coverage

2.4m<sup>2</sup> at 5mm

---

## Thickness

5mm to 50mm

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## Drying Time

- Walkable in 2 hours
- Ready for coatings in 24 hours
- Trafficable in 48 hours

---

## Packaging

20kg triple layered bag

## Code

10461



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# EXTERNAL PATCHING & LEVELLING

CEMENTITIOUS FLOOR  
PREPARATION

---

# ARDEX A 46

## EXTERNAL PATCHING COMPOUND



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

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

### Location

- External and internal
- Above or below grade application

### Substrates

New and existing concrete, moist or dry.

### Coatings

- Polyurethane coatings
- Epoxy coatings
- Membrane coatings
- Ceramic and quarry tiles

### Coverage

14m<sup>2</sup> at 1mm

### Thickness

2–30mm in one application

### Drying Time

- Walkable in 2–3 hours
- Ready for tile or floor coverings from 24 hours
- Coatings from 48 hours

### Packaging

20kg triple layered bag

### Code

25354

# ARDEX K 301

## EXTERNAL SELF-LEVELLING TOPPING



ARDEX K 301 Levelling Compound is formulated for external applications resisting the effects of sun, rain, heat, cold and even freeze thaw conditions.

Having outstanding durability, ARDEX K 301 is also perfect for wear surfaces in workshops, domestic garages, storage areas, light commercial areas, courtyards and footpaths.

### Location

- External and internal
- Above or below grade application

### Substrates

New and existing concrete, moist or dry.

### Coatings

- Polyurethane coatings
- Epoxy coatings
- Ceramic and quarry tiles

### Coverage

4.2m<sup>2</sup> at 3mm

### Thickness

2mm–20mm

### Drying Time

- Walkable from 2–3 hours
- Ready for tile, carpet and floating floors from 24 hours
- Coatings and vinyl after 48 hours

### Packaging

20kg triple layered bag

### Code

10460

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# REPAIR MORTARS & SCREEDS

CEMENTITIOUS FLOOR  
PREPARATION

---

# ARDEX A 38

**RAPID SET  
CEMENT SCREED**



ARDEX A 38 is a rapid set cement screed that has been designed for all types of floor coverings and is especially effective when installing moisture sensitive coverings. In addition, it is compatible with the entire PANDOMO and Polished Concrete range from ARDEX.

## Location

Internal and external

## Substrates

New and existing concrete.

## Floor Coverings

- ARDEX Pandomo Range
- Tiles and natural stones
- Terrazzo
- Resilient and textile floor coverings
- Parquet

## Coverage

A 20kg bag of ARDEX A 38 mixed with 100kg of ARDEX Gravel Mix aggregate will cover approx 4.2m<sup>2</sup> per 15mm (1.6m<sup>2</sup> per 40mm) of thickness.

## Thickness

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

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

## Drying Time

- Can be walked on and is ready to receive tiles after 8 hours
- Ready for terrazzo and smoothing cements after 24 hours
- Ready to receive resilient and textile floor coverings and parquet after 2 days

## Packaging

ARDEX A 38 20kg triple layered bag

## Code

11204

# ARDEX A 48

**RAPID SET  
CEMENT SCREED**



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

## Location

Internal and external

## Substrates

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

## Floor coverings

- ARDEX Polished Concrete Systems
- ARDEX undertile membranes
- Ceramic and porcelain tile, natural stones
- Terrazzo
- Resilient and textile floor coverings
- Parquet

## Coverage

1m<sup>2</sup> per 10mm

## Thickness

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

## Drying Time

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

## Packaging

20kg triple layered bag

## Code

13002

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# ADHESIVES

FLOOR COVERING ADHESIVES

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# ARDEX ADHESIVES

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ARDEX is known and trusted worldwide in providing unique products and services that take time and risk out of the flooring installation process. ARDEX adhesives are designed to meet installer preferences with higher performance to lower the total cost of installation while providing long-term reliability for the owner of the floor.



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## SOLVENT FREE AND LOW VOC

Most ARDEX Flooring Adhesives meet the requirement guidelines for the EMICODE licence, achieving the lowest possible, or very low emissions.

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ARDEX adhesives are manufactured worldwide using best practice and advanced technology from ARDEX research and development Research Scientists from North America, Europe, Asia, Australia and New Zealand.

# FLOORING ADHESIVES

## REFERENCE GUIDE



**SYSTEM ARDEX**  
PREMIUM PERFORMANCE

0800 227 339  
ardex.co.nz

ADHESIVE TYPE	VINYL				LINOLEUM			CARPET								
	LUXURY VINYL TILE AND PLANKS	VINYL SHEET	CUSHIONED	COVING/SKIRTING	VINYL COMPOSITION TILE	JUTE/HESSIAN BACKED	POLYESTER BACKED SHEET	POLYESTER BACKED TILES	WOVEN	ACTIONBAC	GEL FOAM	NEEDLEPUNCH/FIBREBOND	SECONDARY BACKED	FELT	LATEX	PVC
ARDEX AF 143 (Pressure-Sensitive Floorcovering Adhesive)					✓											
ARDEX AF 145 (Pressure Sensitive Adhesive)	✓	✓	✓		✓					✓					✓	✓
ARDEX AF 175 (Luxury Vinyl Tile Adhesive)	✓	✓	✓		✓											
ARDEX AF 180 MS (Heavy Duty Adhesive)	✓	✓	✓		✓											✓
ARDEX AF 460 MS (Engineered Timber Adhesive)																
ARDEX AF 2270 (Universal Conductive Adhesive)	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ARDEX AF 2365 (Universal Flooring Adhesive)	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ARDEX AF 2525 (Heavy Duty Adhesive)	✓	✓			✓											
ARDEX AF 325 (Low Emission Carpet Adhesive)									✓	✓	✓	✓	✓	✓	✓	✓
ARDEX AF 455 MS (Timber Floorcovering Adhesive)																
ARDEX CA 750 (Water-Based Contact Adhesive)				✓												

## Our quick reference guide allows you to easily identify the most appropriate adhesive for the floor covering you are installing.

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.

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

\*All substrates must be prepared and comply with AS 1884:2021

			CARPET TILES						RUBBER			CORK			PARQUET/WOOD						
LATEX	PVC	ARTIFICIAL GRASS	BITUMEN BACKED	PVC	GEL BACKED	CARPET UNDERLAY	SHEET UP TO 4mm	TILES UP TO 4mm	TILES ABOVE 4mm	NATURAL	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	
				✓		✓															
✓	✓					✓	✓	✓													
						✓															
	✓	✓				✓	✓	✓			✓	✓	✓				✓	✓			✓
✓	✓						✓	✓													
✓	✓		✓	✓	✓	✓															
		✓				✓		✓	✓												
✓	✓	✓				✓															
										✓	✓	✓	✓	✓	✓	✓	✓	✓			✓

---

# RECOMMENDATIONS FOR BEST ADHESIVE PRACTICE

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## SURFACE PREPARATION

All substrates must comply with relevant New Zealand Standards and AS 1884:2021. In particular, it must be level, permanently dry or protected from moisture, firm, load-bearing, free from curing compounds, cracks and also have a high tensile and compressive strength.

---

## PRIMING

Substrate porosity varies widely which will significantly alter adhesive performance including set up, working time and coverage. Priming substrates reduces the effect of substrate variation on adhesive performance ensuring greater reliability of installation.

---

## TROWELS

Always use nominated trowels, replacing frequently. Never use worn trowels. Where floor covering manufacturer trowel size varies from that specified by ARDEX, contact ARDEX for further advice.

---

## ROLLING

Always use manufacturer's nominated roller to ensure the floor covering is pressed to the substrate enabling successful adhesive transference and contact for long-term performance.

---

## TEST AREA

Where new or unusual conditions are encountered, a test area should be installed to verify adequate and successful installation practice.

---

## SUBSTRATE MOISTURE CONTENT

Where substrate exceeds 5.5% moisture content, 75% RH or is vulnerable to moisture such as basements, subgrade and older buildings an ARDEX moisture barrier system should be installed.

---

## TEMPERATURE

Condition adhesive and floor coverings to working area temperature 24 hours prior to and 48 hours after installation. Installation temperature of working area, floor covering, adhesive and substrate to be a minimum of 10°C and a maximum of 30°C.

---

## IF IN DOUBT, ASK

ARDEX provides nationwide training, project specification and job site support for ARDEX customers to eliminate installation risk and provide customers with the lowest total cost of installation. For technical enquiries contact ARDEX on 0800 227 339 or your local ARDEX sales professional.

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## IMPORTANT NOTE

Variations in site conditions including porosity, air movement and temperature, humidity, substrate temperature and moisture, priming, substrate smoothness will alter coverage, set up time and working time.

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# ARDEX AF 143

## PRESSURE-SENSITIVE FLOORCOVERING ADHESIVE

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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.

---

### Location

Permanent internal application

---

### Substrates

- Hardboard underlayment board approved to AS2458
- Carpet pad underlay
- Cementitious underlayment
- Dry concrete where there is less than 5.5% moisture content or 70% RH
- For other substrates including terrazzo, ceramic tiles and metal substrates, contact ARDEX technical services

---

### Floor Coverings

- Vinyl composition tiles
- Most vinyl backed carpet tile
- Dual bond carpet pad underlay
- For other non-vinyl backed and highly plasticised vinyl-backed coverings, contact ARDEX technical service

---

### Coverage

- CV Floorcovering: 48m<sup>2</sup>
- Vinyl sheet/LVT/CV/Rubber flooring: 40m<sup>2</sup>

---

### Working Time

- Approx. 24 hours

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### Packaging

15L pail

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### Code

10518

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# ARDEX AF 145

## PRESSURE SENSITIVE VINYL AND RUBBER ADHESIVE

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ARDEX AF 145 is a water-based, solvent-free, low-odour, pressure sensitive adhesive and wet bond acrylic emulsion-based floorcovering adhesive. ARDEX AF 145 is ideal for installing all types of vinyl floorcoverings and rubber floorcoverings up to 4mm in thickness.

---

### Location

Permanent internal application.

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### Substrates

- 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

---

### Floor Coverings

- All types of vinyl floorcoverings
- All types of rubber floorcoverings in sheet and tile format up to 4mm

---

### Coverage

- CV Flooring - using A1 trowel up to 56m<sup>2</sup>
- Vinyl sheet/LVT/CV/Rubber flooring - using A2 trowel up to 47m<sup>2</sup>

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### Airing Time

20-40 minutes

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### Working Time

- Up to 30 minutes for LVT
- Up to 80 minutes for sheet vinyl

---

### Open Time

Up to 100 minutes

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### Packaging

12kg pail

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### Code

38361

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# ARDEX AF 175

**FIBRE-REINFORCED LUXURY  
VINYL TILE ADHESIVE**



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ARDEX AF 175 is a fibre-reinforced, water-based, solvent-free, low-odour, wet bond acrylic emulsion-based floorcovering adhesive. ARDEX AF 175 is ideal for installing all types of Luxury Vinyl Tile and PVC floorcoverings in sheet and tile format.

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## Location

Permanent internal application.

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## Substrates

- 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

---

## Floor Coverings

All types of luxury vinyl tile and PVC floorcoverings in sheet and tile format.

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## Coverage

LVT Vinyl Sheet Tiles/CV flooring - using A2 trowel up to 56m<sup>2</sup>.

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## Airing Time

5-10 minutes

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## Working Time

Up to 15 minutes

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## Open Time

Up to 20 minutes

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## Packaging

12kg pail

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## Code

38359

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# ARDEX AF 180 MS

**ONE-COMPONENT  
HEAVY DUTY ADHESIVE**



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ARDEX AF 180 MS is a solvent-free, low-odour, wet bond MS Polymer based floorcovering adhesive. ARDEX AF 180 MS is ideal for installing all types of luxury vinyl tiles, sheet floorcoverings, rubber floorcoverings and artificial grass in exterior locations.

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## Location

Permanent internal and external applications.

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## Substrates

- Dry cementitious underlayment and concrete prepared with an effective damp proof membrane.
- Timber substrates that comply with AS 1884:2021
- Hardboard underlay board approved to AS 2458

---

## Floor Coverings

- All types of luxury vinyl tiles and sheet floorcoverings
- Artificial grass in external applications
- All types of rubber floorcoverings in sheet and tile format up to 9ml

---

## Coverage

- LVT, Vinyl, CV flooring, Rubber flooring - using A1 trowel up to 40m<sup>2</sup>
- LVT, Vinyl, CV flooring, Rubber flooring - using A2 trowel up to 37m<sup>2</sup>
- Rubber flooring with sanded back > 3.2 - using B1 trowel up to 27m<sup>2</sup>.

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## Airing Time

5-20 minutes

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## Working Time

Up to 35 minutes

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## Open Time

Up to 40 minutes

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## Packaging

12kg pail

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## Code

30096

# 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.

## Location

Permanent internal applications.

## Substrates

- 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

## Floor Coverings

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

## Coverage

- Textile Flooring: up to 35m<sup>2</sup>
- Needle Punch: up to 28m<sup>2</sup>

## Airing Time

5-10 minutes\*

## Working Time

Up to 30 minutes\*

## Open Time

Up to 35 minutes\*

## Packaging

14kg pail

## Code

32328

\*Depending on the absorbency of the subfloor and ambient conditions. (20°C & 65% RH).

# ARDEX AF 460 MS

**ONE-COMPONENT FIRM-ELASTIC  
ENGINEERED TIMBER ADHESIVE**



ARDEX AF 460 MS is a solvent-free, low-odour, wet bond, MS Polymer based engineered timber floorcovering adhesive. ARDEX AF 460 MS is one-component, ready for use on interior floors.

## Location

Permanent internal application

## Substrates

- Cementitious underlayment and concrete with moisture content that complies with NZS/AS 1884:2013
- Timber substrates that comply with NZS/AS 1884:2013
- Hardboard underlay board approved to AS 2458

## Floor Coverings

- Engineered timber (not suitable for solid natural timbers - contact ARDEX for alternative recommendations)
- Cork

## Coverage

- Small format - up to 19m<sup>2</sup>
- Engineered - up to 16m<sup>2</sup>

## Airing Time

0 - 20 minutes  
\*depending on the absorbency of the subfloor and ambient conditions

## Working Time

Up to 40 minutes

## Open Time

Up to 40 minutes

## Packaging

18kg pail

## Code

30389

---

# ARDEX AF 455 MS



**SOLVENT FREE TIMBER  
FLOORCOVERING ADHESIVE**



---

ARDEX AF 455 MS is the 600m version of ARDEX AF 480 MS. It is a solvent-free, low odour, wet bond MS Polymer based timber floorcovering adhesive. ARDEX AF 455 MS is protected from biodegradation and has good resistance to plasticiser migration.

---

## Location

Permanent internal application.

---

## Substrates

- 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

---

## Floor Coverings

All types of timber floorcoverings (except solid plank with a width above 180mm)

---

## Coverage

- Cork Flooring - using A2 trowel up to 1.4m<sup>2</sup>
- Small format parquet/timber - using B3 trowel up to 0.6m<sup>2</sup>
- Engineered timber - using B11 trowel up to 0.5m<sup>2</sup>
- Solid planks - using B13 trowel up to 0.4m<sup>2</sup>

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## Airing Time

5 - 20 minutes

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## Working Time

Up to 40 minutes

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## Open Time

Up to 40 minutes

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## Packaging

600ml (1kg) Sausage

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## Code

38030

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# ARDEX AF 2270



**UNIVERSAL CONDUCTIVE  
ADHESIVE (INDENT)**



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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.

(Available on indent order only.)

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## Location

Permanent internal applications.

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## Substrates

- 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

---

## Floor Coverings

- All types of PVC flooring
- All types of textile flooring
- All types of linoleum flooring
- All types of rubber floorcoverings in sheet and tile format up to 4mm

---

## Coverage

- PVC - using Pajarito 7 trowel up to 64m<sup>2</sup>
- Carpet flooring - using TKB S2 trowel up to 51m<sup>2</sup>
- Linoleum flooring - using TKB S2 trowel up to 51m<sup>2</sup>
- Rubber flooring - using Pajarito 7 trowel up to 64m<sup>2</sup>

---

## Airing Time

5-15 minutes

---

## Working Time

Up to 25 minutes

---

## Open Time

Up to 30 minutes

---

## Packaging

18kg pail

---

## Code

30098

# ARDEX AF 2365

**UNIVERSAL FLOORING  
ADHESIVE**



ARDEX AF 2365 is a water-based, low odour, solvent free, acrylic, emulsion-based floorcovering adhesive. ARDEX AF 2365 is a true universal adhesive, ideal for installing all types of vinyl floorcoverings, textiles, linoleum and rubber up to 2.5mm thick.

## Location

Permanent internal application.

## Substrates

- 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

## Floor Coverings

- Vinyl sheet / CV
- LVT
- Rubber up to 2.5mm thick
- Linoleum
- Textile

## Coverage

- CV Flooring - A1 up to 67m<sup>2</sup>
- Luxury Vinyl Tiles, Homogenous and Heterogeneous PVC Sheet Floorcoverings, CV Floorcoverings, Rubber Floorcoverings - using A2 up to 56m<sup>2</sup>
- Textile Floorcoverings - using B1 up to 39m<sup>2</sup>
- Textile and Woven Floorcoverings with heavy structured backing, Fibre Bonded - using B2 up to 30m<sup>2</sup>

## Airing Time

Up to 20 minutes

## Working Time

Up to 40 minutes

## Open Time

Up to 50 minutes

## Packaging

14kg pail

## Code

38363

# ARDEX AF 2525

**TWO-COMPONENT  
HEAVY DUTY ADHESIVE**



ARDEX AF 2525 is a low odour, low emission, solvent free two component polyurethane floorcovering adhesive. ARDEX AF 2525 is ideal for installing all types of vinyl, rubber, exterior floorcoverings such as artificial grass, dense non-absorbent backed floorcoverings and some timber floorcoverings.

## Location

Permanent internal or external application.

## Substrates

- Carpet pad underlay, cementitious underlayment and concrete with moisture content that complies with AS 1884:2021
- Hardboard underlay board approved to AS 2458

## Floor Coverings

- All types of vinyl floorcoverings
- All types of rubber floorcoverings
- All types of exterior floorcoverings
- Some types of timber floorcoverings

## Coverage

- Homogenous and Heterogeneous PVC Sheet Floorcoverings, Rubber flooring, VCT flooring - using A2 up to 20m<sup>2</sup>
- Linoleum and other backings with little structure - using B1 up to 13m<sup>2</sup>
- Heavily structured backings - using B2 up to 12m<sup>2</sup>
- Timber - using B10 up to 6m<sup>2</sup> (contact floorcovering manufacturer for recommended trowel sizing)

## Airing Time

0–5 minutes

## Working Time

Up to 70 minutes

## Open Time

Up to 75 minutes

## Packaging

6kg pail

## Code

25018

# ARDEX CA 20 P PLUS

MULTIPURPOSE CONSTRUCTION  
ADHESIVE AND SEALANT



ARDEX CA 20 P PLUS 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
- Extremely versatile
- Can be painted over

## Location

- Internal or external
- Horizontal or vertical
- Immersed applications (where not exposed to chemically treated water)

## Substrates

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

**Joint Width** 1.5mm to 15mm

**Colours** White, Black, Grey

**Packaging** 310mL cartridge

White: 44486

Black: 44435

Grey: 44434

# ARDEX CA 750

WATER-BASED  
CONTACT ADHESIVE



ARDEX CA 750 is a ready-to-use water-based contact adhesive for bonding both vinyl skirting and ARDEX WeldTec® Membranes such as ARDEX WPM 750 or ARDEX WPM 1000. When used with ARDEX Catalyst Spray, ARDEX CA 750 will achieve an instant bond.

## Location

Internal and external floors and walls

## Substrates

- Porous concrete
- Cement render
- Unsealed fibre-cement sheet
- Plasterboard
- Other non-porous substrates\*
- \* Contact ARDEX Technical Service

## Coverage

Vinyl flooring application – 5m<sup>2</sup>/litre

Weldtec® membrane application – 10m<sup>2</sup>/litre

The coverage rate will vary depending on substrate condition and application technique.

## Drying Time

Between 30 minutes and up to 4 hours depending on substrate temperature and ambient air conditions

**Colours** Off white

**Packaging** 15L pail

**Code** 24196

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# CRACK REPAIR

HIGH STRENGTH CONCRETE  
REPAIR SOLUTIONS

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# ARDEX RA 54

**FAST-SETTING, SEMI-RIGID  
POLYUREA JOINT SEALANT**

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ARDEX RA 54 is used to fill interior control joints or new construction saw joints on horizontal concrete surfaces. ARDEX RA 54 is designed for industrial floor applications receiving heavy duty vehicle traffic.

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### Use

- Fill interior control joints
- Fill new construction saw joints

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### Curing

- Can be shaved in approx. 45 mins
- Opened to full traffic after 90 mins

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### Coverage

Varies with depth of fill area (see ARDEX calculator on website).

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### Packaging

600mL Cartridge

### Code

22778

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# ARDEX RA 56

**LOW-VISCOSITY, RIGID,  
HYBRID POLYURETHANE  
CRACK & SPALL REPAIR**

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ARDEX RA 56 is a specially formulated, very low viscosity, two-part hybrid polyurethane, rapid cure, concrete repair material. Its low viscosity offers deep penetration into concrete cracks providing a secure repair.

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### Use

- Concrete repair when time is of the issue
- Mixed with aggregate for spall repair

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### Curing

- Ready for grinding in 1 hour
- Ready for traffic in 1 hour

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### Coverage

Varies with depth of fill area (see ARDEX calculator on website).

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### Packaging

254mL Cartridge

600mL Cartridge

### Code

19930

22779

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# ARDEX RA 88 PLUS

**MULTI-PURPOSE EPOXY  
REPAIR ADHESIVE**

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ARDEX RA 88 Plus is a multi-purpose, rapid cure, high strength epoxy bonding and repair adhesive system. It will bond almost any material together. Its specially formulated non-sag property is also perfect for overhead and vertical repairs.

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## Use

- Repair adhesive for many materials including metal, concrete, brick, wood, stone, block
- Repairing holes, spalls and cracks in concrete
- Repairing rotted wood

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## Curing

- Ready to receive paint or other architectural materials after 2 to 3 hours
- Can be open to traffic after 2 to 3 hours

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## Coverage

6 linear metres with a bead thickness of 6x6mm.

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## Packaging

254 mL Cartridge  
627 mL Cartridge

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## Code

19927  
41774

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# ARDEX RA 142

**SUPER LOW-VISCOSITY, STRUCTURAL,  
CONCRETE CRACK INJECTION EPOXY**

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ARDEX RA 142 Injection Resin is a super low viscosity, two component, 2:1 ratio, 100% solids, high modulus, and structural epoxy adhesive. ARDEX RA 142 can be used at temperatures between 10°C - 35°C, for a variety of repair projects including vertical crack repair.

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## Use

- Gravity-feed and pressure injection repair hairline to fine width horizontal cracks
- Vertical crack repair using injection ports with a capping paste
- Epoxy mortar spall repair when mixed with aggregate

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## Curing

- Fully cured after 24 hours
- Ports and capping material can be removed after 24 hours

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## Coverage

Varies with depth of fill area  
(see ARDEX calculator on website).

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## Packaging

473mL Cartridge

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## Code

22780

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# ARDEX RA 144



**LOW-VISCOSITY, STRUCTURAL,  
CONCRETE CRACK INJECTION EPOXY**

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ARDEX RA 144 is a low viscosity, high modulus structural epoxy adhesive used for a variety of repair projects. With its low viscosity, it is perfect for horizontal gravity-feed repair of fine to medium size cracks.

### Use

- Horizontal gravity-feed repair of fine to medium-size cracks
- Epoxy mortar spall repair when mixed with aggregate

### Curing

- Fully cured after 24 hours
- Ports and capping material can be removed after 24 hours

### Coverage

Varies with depth of fill area (see ARDEX website).

### Packaging

473mL Cartridge

### Code

22791

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# ARDEX RA 146



**BLINDSIDE, CONCRETE CRACK  
INJECTION EPOXY GEL**

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ARDEX RA 146 is a thixotropic structural epoxy adhesive system with a gel-like consistency ideal for repair of medium size cracks (6 - 10mm) when using an injection port system. A thixotropic gel is multi-viscous and flows like a liquid while under pressure and will cease flowing when no pressure is being applied.

### Use

- Repair of medium to large cracks (6-10mm) when using injection ports
- Blind-side crack repair of most substrates

### Curing

- Fully cured after 24 hours
- Ports and capping material can be removed after 24 hours

### Coverage

Varies with depth of fill area (see ARDEX website).

### Packaging

473mL Cartridge

### Code

22792

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# ARDEX RA 040

**ONE COMPONENT,  
POLYURETHANE SEALANT**

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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.

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## Location

- Internal and external
- Vertical, horizontal or overhead

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## Substrates

- Expansion
- Airseals around window/door frames

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## Coverage

24m per unit at consistent 5mm Ø bead

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## Skin Time

1 Hour

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## Track-Free Time

1 hour

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## Cure Time

24 Hours

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Packaging	Code
600ml Sausage	24541

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# ARDEX RHINO CRACK LOCK

**CARBON-FIBRE  
CRACK BRIDGING STITCH**

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The Rhino Concrete Crack Lock (CCL) for improved concrete crack repair. The CCL is installed perpendicular to the crack through correct preparation methods. Once installed and filled with the correct approved ARDEX Epoxy Paste, the CCL permanently bonds both sides of the crack together. Due to the unique shape of the CCL and the preparation in the concrete, the tensile strength of the carbon fibre is relied upon as well as the epoxy bond strength along its length.

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## Location

- Internal and external
- Vertical, horizontal or overhead

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## Substrates

- Concrete slabs, poured walls, masonry, concrete block foundations, columns and foundations.

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Packaging	Code
Pack of 20	30440



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# ACCESSORIES

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## HEAVY DUTY SINGLE CARTRIDGE CAULKING GUN

**Code:** 13580



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## HEAVY DUTY DUAL CARTRIDGE CAULKING GUN

**Code:** 13581



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## INJECTION MIXING NOZZLE

**3 Pack:** 23615

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## NOZZLE FOR RA 54, 84, 88

**3 Pack:** 19972

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## NOZZLE FOR RA 56

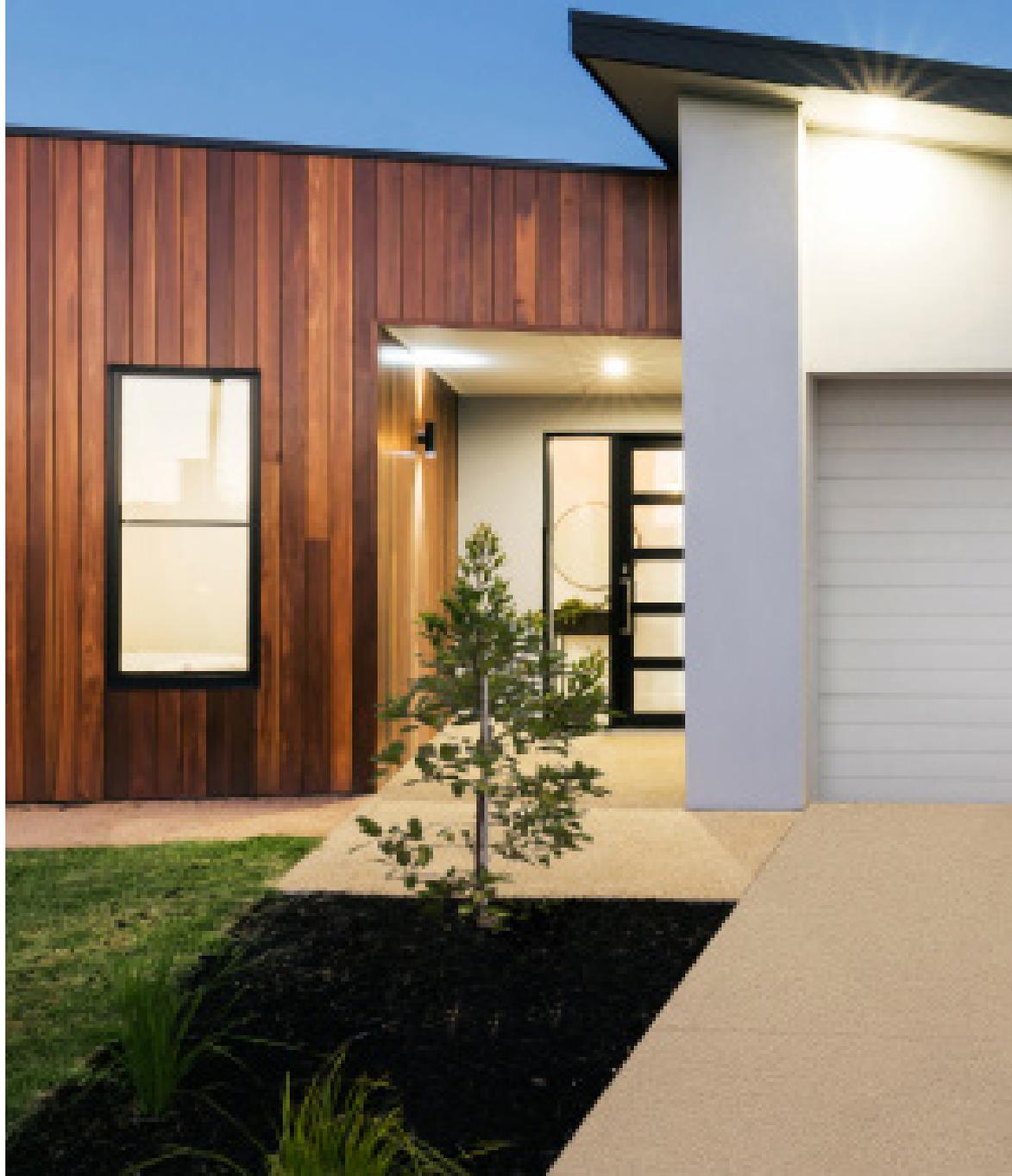
**3 Pack:** 19973

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## INJECTION T PORT

**25 Pack:** 23617





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# ARCHITECTURAL SPECIFICATION GUIDELINE



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## FLOORING PREPARATION FOR VINYL COVERINGS

This specification guideline covers the preparatory levelling of internal concrete floors in preparation for the installation of vinyl floor coverings. The guideline is available to assist Building Professionals in more accurately specifying self-levelling compounds. It is recommended that levelling compounds be installed by experienced layers. All products shall be used and applied in strict accordance with the manufacturers' recommendations.

ARDEX branded Floor preparation specifications can be found in Masterspec section 6122A or contact us for help preparing your specifications.

- 1 The flooring contractor shall inspect the floor and provide a written report to the purchaser in accordance with AS 1884:2021 FLOOR COVERINGS.
- 1.1 The contractor shall discuss his findings with the purchaser and make written recommendations on altering the specifications consistent with the findings.
- 2 All surfaces shall be mechanically prepared to remove contamination, curing compounds, additives and to open the pores of the substrate ensuring a porous surface is achieved.
- 2.1 All surfaces shall be cleaned free from all traces of dirt, dust and loose particles.
- 3 The contractor shall inspect the floor for cracking.
- 3.1 Where cracks are identified as structural, the contractor shall discuss and obtain an instruction for remedial work from the purchaser.
- 3.2 Where cracks are dormant and non-structural, chase cracks and backfill with the appropriate ARDEX Concrete Repair Product.
- 4 The contractor shall test the floor for the presence of excess moisture.
- 4.1 Where excess moisture exists, the contractor shall install the appropriate ARDEX moisture barrier.
- 4.2 ARDEX Moisture Barriers are required to be sand broadcasted to create a mechanical key for levelling/smoothing compounds.
- 5 Prime porous surfaces with ARDEX P 51 Primer.
- 5.1 Prime non-porous surfaces with ARDEX P 9 Primer.
- 6 The contractor shall test for 'Planeness' and 'Smoothness' in accordance AS 1884: 2021
- 6.1 Planeness shall be no less than:  
AS 1884:2021 – 4mm in 2m
- 6.2 Smoothness shall be no less than:  
AS 1884:2021 – 1mm in 150mm
- 6.3 For floors that do not meet the standard of 'Planeness', the contractor shall apply a flood coat of 3mm or greater of suitable ARDEX Self-Levelling Smoothing Compound where the floor is 'Plane' but not 'Smooth' the contractor apply ARDEX Feather Finish™ Rapid Drying Smoothing compound.











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