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Quick Guide Floor Preparation Selection Tables

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<th>Table</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Textile Substrates to receive textile coverings</td>
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<td>2</td>
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Priming, Admixture, Sealing, Sand and Aggregate

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<td>Penetrative Concrete Sealer and Incontinence Barrier</td>
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<td>Graded 2-5mm aggregate for bulking approved ARDEX Compounds</td>
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<td>ARDEX Floor Leveller Primer Sand</td>
<td>Graded kiln dry sand for priming and bulking approved ARDEX Compounds</td>
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Moisture Control and Waterproof Membranes

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<tr>
<td>ARDEX WPM 300</td>
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CEMENTITIOUS FLOOR PREPARATION PRODUCTS

Ardurapid High Performance Self Levelling Smoothing Compounds

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<thead>
<tr>
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<tr>
<td>ARDEX A55</td>
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</tr>
<tr>
<td>ARDEX K15</td>
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Special Application Compounds for Internal Levelling and Smoothing

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<td>ARDEX K12</td>
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<td>ARDEX K11</td>
<td>Thin Self Smoothing Compound</td>
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<td>ARDEX K005</td>
<td>Bulk-Fill Levelling Compound</td>
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<td>ARDIT Levelling Compound</td>
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## Ardurapid Skimming Compound

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<tr>
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## Wear Surface Toppings

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## External Levelling and Patching

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## Repair Mortars and Screeds

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<td>Anti Corrosive Primer, bonding bridge/mortar and fairing coat</td>
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<td>ARDEX A38</td>
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## FLOOR COVERING ADHESIVES

### Introduction to ARDEX Adhesives

- Solvent Free and Low VOC
- GECA Certified Products
- Recommendations for Best Adhesive Practice

## Adhesives

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<td>ARDEX AF143</td>
<td>Pressure Sensitive Vinyl Adhesive</td>
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<td>ARDEX AF172</td>
<td>Acrylic Sheet Vinyl Adhesive</td>
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<td>ARDEX AF178</td>
<td>Universal Sheet Vinyl Adhesive</td>
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<td>ARDEX CA20P</td>
<td>Multipurpose Construction Adhesive and Sealant</td>
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<td>ARDEX AF2420</td>
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## Floor Covering Spray Adhesives

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<tr>
<td>ARDEX AF239</td>
<td>Carpet Tile Adhesive</td>
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## APPENDIX

- Ongoing Professional Development
- Disclaimer
ARDEX GROUP

For more than 60 years, ARDEX has been the quality leader for an entire industry, offering excellent building chemicals with supreme processing reliability – the brand of choice for installers and wholesalers.

Strong internal growth and intelligent acquisitions in foreign markets today put the ARDEX Group on the map with 36 subsidiaries and 1,700 employees in over 50 countries on all continents, with one unique theme around the world; ARDEX ensures our valued customers receive the same high quality products and services.
ARDEX VISION

It is the vision of the ARDEX Group to be one of the world's leading solution providers of high-performance specialty building materials.

PERFORMANCE

• ARDEX is a system solution provider of high-performance specialty building materials.
• In close cooperation with our partners we commit ourselves to gold standard business practices to ensure mutual success and profitable growth.
• We will be the premium supplier in each of our selected segments.
• We strive for market leadership in defined markets worldwide.

FAMILY-OWNED BUSINESS

• As a family-owned company we encourage the development of team spirit and identification with the culture of the business.
• Building on the platform for growth established over many years, we look forward with confidence to a successful future.
• We are proud of our history.

CORPORATE CULTURE

• The guiding principle of ARDEX is “excellence in all that we do”.
• ARDEX believes that all employees and partners should operate within a spirit of fairness, transparency and responsible business practices at all times.
• Employees are the foundation on which we build our business.
• Sustainable, long-term growth objectives underpin all of our various activities.
ARDEX INNOVATION

ARDEX specialises in high quality construction materials for substrate preparation, floor levelling, waterproofing and the fixing of surface materials. The history of ARDEX began with self levelling and smoothing cements over 60 years ago.

As the inventors of self levelling and smoothing compounds, ARDEX products including Ardit, Feather Finish and Ardurapid K15, are firmly established as benchmarks for flooring worldwide.
ARDEX SUPPORT

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

ARDEX supports building professionals to complete successful projects by having:
• The largest field team of trained professionals
• Project specific installation recommendations
• Job start up and walk through support
• Local and national training
• Contractor recommendation

SYSTEM ARDEX

ARDEX is committed to developing products that are easy to use and offer high performance. ARDEX products, systems and services are designed to ensure professional contractors the competitive advantage of a lower total cost of installation through superior performance.

ARDEX flooring products are designed to work together for total reliability and performance. Each product is the careful result of research and development combining the input of contractors, specifiers and installers to ensure absolute product compatibility. We call this System ARDEX.

For information on products, field support, customer service, training products or product demonstrations please contact us on 1800 224 070 in Australia and 0800 227 339 in New Zealand.
FLOOR PREPARATION OVERVIEW

The key to success when installing ARDEX products is to achieve a good bond between the substrate and the ARDEX topping. Concrete floors must be solid, mechanically prepared, clean and free of all foreign contaminants. Unprepared and contaminated slabs are the main cause of expensive and avoidable failure.

All substrates must be assessed and tested for moisture. Where moisture exceeds 5.5% or 70% RH a moisture barrier must be first applied. Moisture vulnerable slabs, such as below grade, cracked or where vapour barriers are incomplete, missing or of unknown condition, a moisture membrane should be installed regardless of actual moisture content.

Each compound is thoroughly mixed with a mechanical drill and poured onto the prepared and primed concrete. The compound is spread across the floor to thickness with a height adjustable ARDEX Spreader then smoothed with an ARDEX smoothing trowel.

Where new or unusual circumstances are encountered specific project recommendations should be sought from ARDEX Technical Services.

ARDEX AND OUR ENVIRONMENT

As part of our ongoing commitment to the environment ARDEX is constantly improving our existing range and developing new products to reduce our ecological footprint. Our newly developed ARDEX K 12 has been designed to use less water which will save approximately 25,000 litres of water on building sites per year. ARDEX A 55 Ultra Rapid Self Levelling and Smoothing Compound has been engineered to self level at 2mm reducing material consumption by 33%.

The indoor air quality of buildings is also enhanced by using ARDEX products. As shown in the table overpage, the performance leading and most commonly used ARDEX flooring products have been independently tested to the Green Building Council Green Star Specification for Office Design (IEQ-11) and Office Interior (IEQ-13).

GECA CERTIFICATION

GECA certification is awarded to products that meet voluntary standards for environmental impact, social responsibility and fitness for purpose in a wide range of product categories.

The range of carpet and flooring adhesive products manufactured by ARDEX Australia Pty Ltd have been assessed against the GECA 01-2007 Adhesives Standard, and awarded the Environmental Choice Australia Eco-Label.

For more information on the Good Environmental Choice Australia program go to the official GECA website: www.geca.org.au
ARDEX LOW VOC PRODUCTS

ARDEX new and existing products are currently being independently tested for VOC content. Please contact ARDEX Australia for an up-to-date list.

For these and other ARDEX products contact ARDEX Technical Services 1800 224 070 for copies of VOC TEST Certificates.

ARDEX PRODUCTS TESTED TO GREEN STAR IEQ-11 AND IEQ-13 SPECIFICATION

<table>
<thead>
<tr>
<th>ARDEX PRODUCTS</th>
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<tbody>
<tr>
<td>ARDEX Feather Finish™</td>
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<td>ARDEX A38</td>
<td>Rapid Set Screed Cement</td>
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<td>ARDEX A41</td>
<td>Internal Rapid Dry Repair Mortar</td>
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<td>External Patching Compound</td>
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<td>ARDEX K005</td>
<td>Bulk Fill Levelling Compound</td>
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<tr>
<td>ARDEX K10</td>
<td>Smoothing and Repair Compound</td>
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<td>ARDEX K11</td>
<td>Thin Self Smoothing Compound</td>
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<tr>
<td>ARDEX K12</td>
<td>Levelling and Smoothing Compound</td>
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<td>ARDEX K15</td>
<td>Rapid Drying Self Levelling Smoothing Compound</td>
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<td>ARDEX K80</td>
<td>Rapid Drying Industrial Levelling Compound</td>
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<td>Levelling Compound</td>
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<td>ARDEX K301</td>
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<td>ARDEX WPM002</td>
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<tr>
<td>ARDITEX NA</td>
<td>Universal Self Levelling Smoothing Compound</td>
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**FLOORING TOOLS**

ARDEX compounds are the result of complex research and development. Each compound contains special resins, polymers, sands, cements and micro additives. ARDEX tools are designed to make the mixing of ARDEX compounds accurate, complete and to facilitate installation. Incorrect mixing and application may result in segregation, poor bonding or product underperformance.

**ARDEX Tools include:**

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<td>10463 (450mm)</td>
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<td>10614 (500mm)</td>
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<td>10547 (1200mm)</td>
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## TABLE 1 – TEXTILE

### SUBSTRATES TO RECEIVE TEXTILE COVERINGS

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* When used with ARDEX moisture barrier system

** Contact ARDEX Technical Services for advice
### TABLE 2 – TIMBER

#### SUBSTRATES TO RECEIVE TIMBER COVERINGS

<table>
<thead>
<tr>
<th></th>
<th>A55</th>
<th>K15</th>
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<tr>
<td><strong>Main application</strong></td>
<td>Rapid Smoothing</td>
<td>Performance Levelling</td>
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<tr>
<td><strong>Ready for timber</strong></td>
<td>1 to 2 hours</td>
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<td><strong>Application thickness</strong></td>
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<td>Timber Strip Floor</td>
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<td>BEST**</td>
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<tr>
<td>Steel Floors</td>
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<td>BEST**</td>
</tr>
</tbody>
</table>

* When used with ARDEX moisture barrier system
** Contact ARDEX Technical Services for advice
PRIMING, ADMIX, SEALING, SAND AND AGGREGATE
POREUS SUBSTRATE PRIMER

ARDEX P51 is a water based primer, precoat, bonding agent and pore closer for concrete substrates. As a pore closer ARDEX P51 prevents air bubbles rising from substrates and creating defects in the underlayments.

**Application**
- Internal dry surfaces only

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

**Dilute**
- 1:2 parts with water

**Drying time**
- From 1 hr depending on temperature, ventilation and substrate conditions

**Packaging**
- Box containing 4x5L containers

NON POROUS SUBSTRATE PRIMER

ARDEX P82 is a water based 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**
- 5-10m²/L onto non porous concrete

**Drying time**
- From 3 hours (max. 24 hours) depending on temperature, ventilation and substrate conditions

**Packaging**
- 2kg and 8kg kit
TENSILE ENHANCER FOR ARDEX LEVELLING COMPOUNDS

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 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, K 12, K 11, K 10, K 005 and A 45

Packaging

• 5L Jerry Can

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.

Installation

• Roll, brush or spray

Substrates

• Concrete, cement renders, sandstone, clay and concrete masonry
• ARDEX cementitious compounds including A 45, K 80 and K 15

Drying & Curing

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

Location

• Internal and external

Coverage

• 15m²/L/coat – Number of overcoats relative to substrate porosity and application

Packaging

• Single component 20L Pail
GREEN SLAB SEAL

ARDEX S4 is a water based liquid solution designed to penetrate deeply into the concrete slab reducing the risk of moisture related problems. ARDEX S4 can be applied to green concrete slabs where it will penetrate deeply into the slab and react with the free lime forming a hardened gel substance; filling pores, voids, hairline cracks and trapped air cells, creating a permanent slab seal against moisture.

Installation

• ARDEX S4 is applied using a backpack low pressure sprayer for small to medium jobs
• For larger projects an airless HVLP sprayer can be used

After Installation

• It is important that the treated surface is sanded and vacuumed after 24 hours from application
• Refer to the product data sheet, or contact AFRDEX technical services

Substrates

• New or green existing concrete slabs

Coverage

• ARDEX S4 will cover approximately 60m²/15L cube at a coverage rate of 4m²/L

Packaging

• 15L cube
ARDEX Sand – 20kg bag is size graded and kiln dried to ensure consistent results when used ARDEX products. Always read individual ARDEX product datasheets for complete installation instructions.

ARDEX Sand is used with:

**ARDEX WPM 300**

Used as a priming sand to ensure additional mechanical bond for the subsequent application of ARDEX levelling compounds. The sand is applied into the wet WPM 300 at an application rate of 700gms/m². Upon drying the excess sand is vacuumed and may be retained for future use.

**ARDEX A45**

Sand is used as filler to economically extend the coverage of ARDEX A 45 in non critical applications including large floor defects and deep ramps. Used up to a maximum ratio of 3 parts A 45 to 1 part sand by volume.

Please note that adding sand will change the characteristics of compounds. In some cases a second application of un-sanded ARDEX compound may be required to obtain a sufficiently smooth surface. Contact ARDEX Technical Services for advice or complete representative trial area to verify suitability.
SUBSTRATE MOISTURE BARRIER AND GREEN SLAB PRIMER

ARDEX WPM 300 is an epoxy moisture barrier that will suppress excessive moisture vapour in new, or existing concrete slabs.

Not only does ARDEX WPM 300 safeguard your finished floor against moisture, you can save money and time by fast tracking projects – no more expensive moisture tests or waiting for slabs to dry.

Having great coverage and fast spread rate ARDEX WPM 300 is cost effective while being non-flammable with minimal odour it is safe for use in internal applications.

Performance
• Withstands 250kPa of hydrostatic pressure

Application
• Internal and external substrates

Coverage
• 20L mixed will cover 30m² in 2 complete coats, ie: 1.5m²/L

Drying time
• Full cure in 7 days, sufficiently cured in 12-24 hours

Packaging
• 4L and 20L kits

WATERPROOF MEMBRANE

ARDEX WPM 002 is a tough two part Class III waterproofing membrane conforming to AS 4858. Reinforced with Microfibres for added strength. Fast drying with low VOC, ARDEX WPM 002 is easy to use and is fully compatible with complimentary System ARDEX products.

Installation
• Roll or brush

Substrates
• Wet area sheet linings, sound cement renders and concrete, ARDEX cementitious compounds including A45 and K15

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

Location
• Internal and external

Coverage
• Approximately 16 to 24m² at a dry film thickness of 0.8 to 1.2mm (depending on substrate texture)

Packaging
• Part A Liquid: 20kg pail
• Part B Powder: 2x10kg bags in a pail or 1x20kg bag
MODIFIED POLYURETHANE WATERPROOFING MEMBRANE

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

- Fast drying Polyurethane acrylic membrane
- Excellent film build – easy to gauge thickness
- Class III membrane – in accordance with AS4858 requirements
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia’s Rating Tools

Location

- Internal and External Wet Areas, Balconies, Decks, and other areas that will be tiled or otherwise protected by regular foot traffic

Substrates

- Concrete, Renders and Screeds, Fibre Cement, Plasterboard, Plywood*
  *not recommended for external applications

Coverage

- Floors 8.6m² (2 coats) D.F.T. – 1.0mm
- Walls 17.2m² (2 coats) D.F.T. – 0.5mm

Colours

- Blue Grey

Drying Times

- Recoat Time: 1-2 hours
- Ready to Tile: 24-48 hours
- Full Cure: 3 days

VOC Content

- 42g/L

Packaging

- 4L (5.3kg), 15L (20kg) pails
ARDURAPID HIGH PERFORMANCE
SELF LEVELLING AND SMOOTHING

Cementitious
Floor Preparation
Products
ULTRA RAPID DRYING SELF LEVELLING
SMOOTHING COMPOUND

ARDEX A55 is the ultimate fast drying Ardurapid self levelling and smoothing compound. Being ready to receive floor coverings in 1 to 2 hours, retail areas and production projects can be completed in one site visit. Having outstanding flow and self levelling, large areas can be smoothed fast in an economical 1 to 2mm application.

Thickness
• Feather edge 1mm to any depth

Drying Time
• Walkable in 45-60 minutes
• Ready for floor coverings in 1-2 hours

Substrates
• New, existing or rough screeded concrete
• Existing quarry and ceramic tile
• Damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system

Floor Coverings
• Linoleum, vinyl, carpet
• Ceramic and quarry tiles
• Timber – parquetry and floating

Location
• Internal in above or below grade applications

Coverage
• 13m² at 1mm, 4.5m² at 3mm

Packaging
• 20kg triple layered bag

RAPID DRYING SELF LEVELLING
SMOOTHING COMPOUND

ARDEX K15 is extremely versatile and is suitable for a wide range of substrates. ARDEX K15 is able to receive virtually any floor covering in 16 to 18 hours.

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

Drying Time
• Walkable in 2-4 hours
• Ready for vinyl in 16 hours

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)
• Damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system

Floor Coverings
• Linoleum, vinyl, carpet
• Ceramic and quarry tiles
• Timber – parquetry and floating

Location
• Internal in above or below grade applications

Coverage
• 4m² at 3mm

Packaging
• 20kg triple layered bag
ARDITEX NA is formulated with excellent adhesion designed to work perfectly UNDER a damp proof membrane. Also used to pre-level existing timber floors prior to the installation of timber sheeting for a stable base for new floor coverings.

**Thickness**
- Feather edge to 12mm
- Bulkfill 10-30mm with 2-5mm aggregate

**Drying Time**
- Walkable from 1-2 hours
- Ready for most floor coverings from 12 hours

**Substrates**
- New and existing concrete
- Damp or moisture vulnerable concrete
- Ceramic and quarry tiled floors
- Steel decks
- Timber floors (contact ARDEX Technical Services)

**Floor Coverings**
- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Floating timber

**Location**
- Internal and external
- Under damp proof membranes

**Coverage**
- 12m² at 1mm, 4m² at 3mm

**Packaging**
- Kit containing 20kg triple layer bag and 4.8kg ARDITEX latex pail

ARDEX K12 is designed for experienced commercial contractors to prepare large commercial and retail areas for carpet and vinyl installations. ARDEX K12 dries to a super smooth finish eliminating the need for mechanical sanding.

**Thickness**
- 1mm to 25mm
- Bulkfill 10-50mm with 2-5mm aggregate

**Drying Time**
- Walkable in 2-4 hours
- Ready for floor coverings from 24 hours

**Substrates**
- New and existing concrete

**Floor Coverings**
- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Floating timber

**Location**
- Internal in above or below grade applications

**Coverage**
- 4m² at 3mm

**Packaging**
- 20kg triple layered bag
THIN SELF SMOOTHING COMPOUND

ARDEX K11 self smoothing compound is designed for cost effective thin smoothing of large well prepared level concrete substrates by experienced commercial contractors.

**Thickness**
- 2-8mm
- 8-20mm use aggregate 2-5mm

**Drying Time**
- Walkable in 2-4 hours
- Ready for floor coverings in 24 hours

**Substrates**
- New and existing concrete

**Floor Coverings**
- Carpet
- Ceramic and quarry tiles
- Floating timber
- Vinyl

**Location**
- Internal
- Above grade applications

**Coverage**
- 4m² at 3mm

**Packaging**
- 20kg triple layered bag

BULK-FILL LEVELLING COMPOUND

ARDEX K005 is a bulk fill levelling compound designed to economically raise floors up to 120mm replacing traditional reinforced concrete topping slabs or site mixed screeds.

ARDEX K005 can also be applied as a fast drying high strength screed when mix water is reduced.

**Thickness**
- 10-120mm in one application

**Drying Time**
- Walkable from 4 hours
- Overlay with ARDEX smoothing compounds from 16 hours

**Substrates**
- New, existing or rough screeded concrete

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

*Upon surface being finished with an ARDEX smoothing compound

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

**Coverage**
- 1.1m² at 10mm, 11m² at 1.1mm per 20kg

**Packaging**
- 20kg triple layer bag
LEVELLING COMPOUND

ARDEX K250 has been formulated as an easy to use leveller for building construction contractors.

With the ability to be applied up to a thickness of 25mm, ARDEX K250 has the versatility to level most new and existing concrete substrates to project specification efficiently in one application.

Thickness
• From 1-25mm
• Bulkfill 10-50mm with 2-5mm aggregate

Drying Time
• Walkable in 2 to 4 hours

Substrates
• New and existing concrete

Floor Coverings
• Suitable for most floor coverings

Location
• Internal
• Above grade applications

Coverage
• 4m² at 3mm thick

Packaging
• 20kg triple layered bag
INTERNAL RAPID DRY REPAIR MORTAR

ARDEX A45 is a rapid drying and rapid hardening slump free repair mortar. With exceptional hardness and shrinkage free finish, ARDEX A45 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.

### Thickness
- 2-30mm in one application
- Bulkfill to 40mm

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

### Substrates
- New and existing concrete
- Concrete masonry or cement render
- Impervious surfaces primed with ARDEX P82

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

### Location
- Internal above or below grade applications

### Coverage
- 12m² at 1mm

### Packaging
- 20kg triple layered bag
- 4.5kg pail

ARDEX A41 is a rapid setting and drying, slump free mortar for internal repairs. The mortar dries and hardens to give a repair of exceptional strength and hardness. The mixed mortar sets after 45 minutes and can be ready to receive floor coverings after 2 hours at 23°C.

### Thickness
- Feather edge to normal screed thicknesses

### Drying Time
- Sets in approximately 45 minutes
- Ready for floor coverings after approximately 2 hours

### Substrates
- New and existing concrete
- Concrete masonry or cement render
- Impervious surfaces primed with ARDEX P82

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

### Location
- Internal above or below grade applications

### Coverage
- 4m² at 3mm

### Packaging
- 20kg triple layered bag
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.

**Thickness**

- Feather edge to 3mm

**Drying Time**

- Ready for floor coverings from 15 minutes

**Substrates**

- New and existing concrete
- Terrazzo, quarry and ceramic tiles
- Timber floors
- Existing vinyl floors

**Floor Coverings**

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

**Location**

- Internal above grade application

**Coverage**

- Up to 15m² concrete

**Packaging**

- 10kg bag
- 4.5kg pail
Cementitious Floor Preparation Products
SMOOTHING AND REPAIR COMPOUND
ARDEX K 10 is a synthetic resin cement based smoothing and repair compound, which creates shallow ramps, smooths readily and resists slumping to provide a reliable high quality installation. The high hardness of ARDEX K 10 is particularly suited to heavy duty applications, temporary wear surfaces and as an underlayment for wear resistant coatings.

**Thickness**
- Feather edge to 35mm

**Drying Time**
- Walkable from 90 minutes
- Ready for floor coverings in 24 hours

**Substrates**
- New and existing concrete
- Rough screeded concrete
- Ceramic and quarry tiled floors

**Floor Coverings**
- Linoleum, vinyl, carpet
- Ceramic and quarry tiles
- Timber – parquetry and floating
- Wear resistant floor coatings

**Location**
- Internal above or below grade applications

**Coverage**
- 12m² at 1mm

**Packaging**
- 20kg triple layered bag

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.

**Thickness**
- 5mm to 50mm

**Drying Time**
- Walkable in 2 hours
- Ready for coatings in 24 hours
- Trafficable in 48 hours

**Substrates**
- New and existing concrete
- Rough screeded concrete
- Damp or moisture vulnerable concrete when used in conjunction with an ARDEX moisture control system

**Floor Coatings**
- Polyurethane coatings
- Epoxy coatings
- Specialty floor coatings

**Location**
- Internal above or below grade applications

**Coverage**
- 2.4m² at 5mm

**Packaging**
- 20kg triple layered bag
Cementitious Floor Preparation Products

EXTERNAL PATCHING AND LEVELLING

EXTERNAL PATCHING AND LEVELLING
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.

**Thickness**
- 2-30mm in one application

**Drying Time**
- Walkable in 2 to 4 hours
- Ready for tile or surface coatings from 24 hours

**Substrates**
- New and existing concrete, moist or dry

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

**Location**
- External and Internal
- Above or below grade application

**Coverage**
- 6m² at 3mm

**Packaging**
- 25kg triple layered bag

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.

**Thickness**
- 2-20mm

**Drying Time**
- Walkable from 2-3 hours
- Ready for tile and surface coatings from 24 hours

**Substrates**
- New and existing concrete, moist or dry

**Coatings**
- Polyurethane coatings
- Epoxy coatings
- Ceramic and quarry tiles

**Location**
- External and internal
- Above or below grade application

**Coverage**
- 6.4m² at 2mm

**Packaging**
- 20kg triple layered bag
Cementitious Floor Preparation Products

REPAIR MORTARS AND SCREEDS

REPAIR MORTARS AND SCREEDS
ARDEX B 34 is designed to be used as both a corrosive inhibiting primer/bonding bridge mortar before the application of renders and patching mortars such as ARDEX B 36.

ARDEX B 34 can also be used as a fairing skim coat for final smoothing of masonry and brick walls.

ARDEX B 34 is ideal for the preparation of façade surfaces prior to the application of ARDEX WPM 330 External Anti-Carbonation Façade membrane.

- One component system
- Adjustable consistency
- Multi Functional product
- Excellent anti-corrosive properties – for steel reinforcement
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia’s Rating Tools

### Location

- Pre cast panel repairs and spalling concrete repairs. For aerated concrete panelled walls.
- In situ poured concrete repairs. Skim coat for swimming pool repairs – prior to waterproofing and tiling.
- Can be used for repairs under ARDEX membranes and tile adhesives.

### Substrates

- Concrete, renders, screeds, masonry, AAC blocks

### Coverage

- 1mm thick: 12m²
- 3mm thick: 4m²

### Colours

- Grey

### Drying Times

- Fairing Coat: 16 hours

### VOC Content

- 7g/L

### Packaging

- 20kg triple layered bag
ARDEX B36 Concrete Patching and Repair Mortar is designed for reinstating concrete surfaces damaged through concrete spalling or other mechanical causes.

It is designed to be used in conjunction with ARDEX B34 Priming and Fairing Coat.

- One component system
- Adjustable consistency
- Shrinkage compensated
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia’s Rating Tools

**Location**

- For façade preparation/restoration prior to application of ARDEX coating membranes. Pre cast panel repairs. Spalling concrete repairs. For repairing aerated concrete paneled walls. In situ poured concrete repairs. As a repair mortar for pool repairs – prior to waterproofing and tiling. Can be used for repairs under ARDEX membranes and tile adhesives.

**Substrates**

- Concrete, renders, screeds, masonry, AAC blocks

**Coverage**

- 10mm thick: 1.5m²

**Colours**

- Grey

**Drying Times**

- Approximately 16-24 hours

**VOC Content**

- 8g/L

**Packaging**

- 20kg triple layered bag
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 ARDEX’s entire PANDOMO range.

ARDEX A 38 produces a screed that improves on-site efficiencies by allowing traffic shortly after application and laying of the floor covering on the same day. The screed can be used as a:
- bonded screed
- unbonded screed (on a slipsheet or insulating layer)
- as a heated screeds

**Thickness**

The nominal screed thickness when mixed with ARDEX Gravel Mix aggregate is:
- Unbonded at least 35mm; and preferably 40mm 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

**Substrates**

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

**Floor Coverings**

- ARDEX Pandomo Range
- Tiles
- Natural Stones
- Terrazzo
- Resilient and textile floorcoverings
- Parquet

**Location**

- Internal and external

**Coverage**

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

**Packaging**

- 20kg triple layered bag
Introduction to ARDEX Adhesives

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.

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.

Solvent Free and Low VOC

ARDEX adhesives for internal floor coverings including carpet, vinyl sheet, vinyl plank, vinyl tile, and linoleum have been formulated without hazardous organic solvents and have been independently tested to the Green Building Council specifications IEQ11 and IEQ13 for VOC content.

GECA Certified Products

The range of carpet and flooring adhesive products manufactured by ARDEX Australia Pty Ltd have been assessed against the GECA 01-2007 Adhesives Standard, and awarded the Environmental Choice Australia Eco-Label.
Recommendations for Best Adhesive Practice

Surface Preparation
All substrates must comply with relevant Australian and New Zealand Standards. 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.

Substrate Moisture Content
Where substrate exceeds 5.5% moisture content, 70% 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 1800 224 070 or your local ARDEX Sales Professional.

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.

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 manufacturers 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.
ARDEX AF 142
ARDEX Code: 10395

FAST GRAB VINYL ADHESIVE
ARDEX AF 142 is designed to install PVC plank and PVC wall sheet. Combining fast grab and high tack ARDEX AF 142 reduces slippage for easier installation. When used in the ARDEX System the smaller notch trowel increases coverage and speeds installation.

Set up Time
• Approximately 10-15 minutes

Working Time
• Approximately 15-20 minutes

Substrates
• Hardboard underlayment board approved to AS2458
• Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH

Floor Coverings
• Vinyl plank and vinyl wall sheet

Location
• Permanent internal application

Coverage
• Using 0.8x1.6x0.8mm U-notch trowel approximately 7m²/L
• Using 1.6mm V-notch trowel approximately 5m²/L

Packaging
• 15L pail containing 18kg of adhesive

ARDEX AF 143
ARDEX Code: 10518

PRESSURE SENSITIVE VINYL ADHESIVE
ARDEX AF 143 is designed to dry quickly to allow faster installation. When used in the ARDEX System the high performance formulation is designed for use with smaller notch trowels to increase coverage and speed installation.

Set up Time
• Approximately 15-25 minutes

Working Time
• Approximately 15-20 minutes

Substrates
• Hardboard underlayment board approved to AS2458
• Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH

Floor Coverings
• Vinyl plank and vinyl wall sheet

Location
• Replaceable internal application

Coverage
• Using 0.8x1.6x2.0mm U-notch trowel approximately 7.5m²/L

Packaging
• 15L pail containing 15kg of adhesive
ACRYLIC SHEET VINYL ADHESIVE

ARDEX AF 172 is an internal water based acrylic adhesive designed to install sheet vinyl floor coverings. With low VOC content, excellent initial grab and longer working time, ARDEX AF 172 is the ideal product to be used for installing sheet vinyl floor coverings in hospitals and health care facilities.

**Set up Time**
- Approximately 15-25 minutes

**Working Time**
- 60 minutes

**Substrates**
- Hardboard underlayment board approved to AS2458
- Cementitious underlayment
- Carpet pad underlay
- Dry concrete where there is less than 5.5% moisture content or 70% RH
- Contact ARDEX Technical Services for other substrates including terrazzo, ceramic tiles and metal substrates

**Floor Coverings**
- Sheet vinyl, solid vinyl tiles and vinyl planks coverings in permanent applications

**Location**
- Internal permanent installation

**Coverage**
- Using 1.6mm V-notch trowel approximately 5m²/L

**Packaging**
- 15L pail containing 18kg of adhesive

UNIVERSAL SHEET VINYL ADHESIVE

ARDEX AF 178 is an internal water based acrylic co-polymer blend adhesive designed for experienced applicators who install sheet vinyl floor coverings in commercial and retail premises. ARDEX AF 178 has excellent workability, longer working time and effective plasticiser migration resistance.

**Set up Time**
- Approximately 15-25 minutes

**Working Time**
- 60 minutes

**Substrates**
- Hardboard underlayment board approved to AS2458
- Cementitious underlayment
- Dry concrete where there is less than 5.5% moisture content or 70% RH
- Contact ARDEX Technical Services for other substrates including terrazzo, ceramic tiles and metal substrates

**Floor Coverings**
- Sheet vinyl, vinyl tiles and planks coverings in permanent applications

**Location**
- Internal permanent installation

**Coverage**
- Using 1.6mm V-notch trowel approximately 5m²/L

**Packaging**
- 15L pail containing 18kg of adhesive
**PRESSURE SENSITIVE CARPET TILE ADHESIVE**

ARDEX AF 236 is an internal acrylic water based pressure sensitive adhesive designed to install carpet tiles and carpet underlay for permanent and semi-permanent applications. ARDEX AF 236 has an excellent coverage when applied using a short nap medium nap roller and has unlimited working time.

**Set up time**
- 15-30 minutes for semi-permanent carpet tile installation depending on site ambient conditions

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

**Substrates**
- Hardboard underlayment approved to AS 1859
- Dry concrete where there is less than 5.5% moisture content or 70% RH
- Existing resilient flooring as recommended by the carpet tile and carpet pad underlay manufacturers
- Contact ARDEX Technical Services for other substrates

**Floor Coverings**
- Vinyl backed carpet tile
- Non-vinyl backed carpet tile for permanent application

**Location**
- Internal semi-permanent and permanent installation for carpet tile and dual bond underlay.

**Coverage**
- Using short to medium nap roller approximately 8-10m²/L

**Packaging**
- 15 Litre pail containing 15kg of adhesive

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**CARPET SEAM ADHESIVE**

ARDEX AF 224 is a water based adhesive that dries clear with high tensile strength to ensure seams will not come apart for all carpet backings being installed by the direct stick method.

Being water based, ARDEX AF 224 cleans easily with water eliminating the need for flammable solvent based cleaning liquid.

**Set up Time**
- Wet set – install immediately

**Working Time**
- Approximately 5-10 minutes

**Floor Coverings**
- Sheet carpet and PVC backed carpet tile

**Location**
- Permanent internal application

**Packaging**
- 1L pail containing 1kg of adhesive
GENERAL PURPOSE CARPET ADHESIVE

ARDEX AF 241 is an internal water based permanent wet set adhesive designed to allow immediate installation of sheet carpet over well prepared substrates. ARDEX AF 241 is formulated with low VOC content and has effective dimensional stability reducing any potential for shrinkage and expansion.

Open Time
- Wet set – install immediately

Working Time
- 60 minutes varying on substrate, temperature and humidity

Substrates
- Hardboard underlayment approved to AS 1859
- Carpet pad underlay
- Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH
- Contact ARDEX Technical Services for other substrates

Floor Coverings
For the following sheet carpet backing structures including:
- Axminster™ and Action Bac™
- Jute, Needle punched and Polypropylene
- Secondary backed including textile and foam
- Woven and knitted backing – Unitary backed carpet
- Not to be used for PVC backings, consult ARDEX for other carpet backings

Location
- Internal permanent installation

Coverage
- Using a 2.4mm V-Notch trowel approximately 3m²/L

Packaging
- 15L pail containing 18kg of adhesive

OUTDOOR GRASS CARPET ADHESIVE

ARDEX AF 266 is a water based adhesive with exceptional water resistance for sheltered areas and where rainfall will not pond. Also suitable in heavy duty internal applications where frequent commercial cleaning occurs such as reception areas, recreational facilities and aged care facilities.

Set up Time
- Wet set – install immediately

Working Time
- Approximately 45-60 minutes

Substrates
- Carpet pad underlay
- Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH

Floor Coverings
- Outdoor grass carpet
- Indoor sheet carpet

Location
- Sheltered external

Coverage
- On primed smoothed substrate with 2.4mm V-notch trowel approximately 3m²/L

Packaging
- 15L pail containing 18kg of adhesive

Caution
- ARDEX AF 266 is not designed for exposed areas, heavy duty and purpose designed sports applications
HEAVY DUTY EPOXY ADHESIVE

ARDEX AF 545 is a two part easy to use water resistant and flexible epoxy adhesive. Engineered with high strength ARDEX AF 545 is suitable for heavy static rolling loads.

**Set up Time**
- Wet set – install immediately

**Working Time**
- Approximately 45-60 minutes

**Substrates**
- Hardboard underlay approved to AS2458
- Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH

**Floor Coverings**
- Commercial homogeneous sheet vinyl
- Linoleum
- Rubber tile floor coverings*

* Caution: Contact ARDEX Technical Services

**Location**
- Permanent internal application

**Coverage**
- On a primed smoothed substrate with 0.8x1.6x2.0mm U-notch trowel approximately 6m² per kg of mixed adhesive

**Packaging**
- Part A: 2L container with 2.5kg of adhesive
- Part B: 2L container with 2kg of adhesive

VINYL SKIRTING CONTACT ADHESIVE

ARDEX AF 675 is solvent based contact adhesive for maximum grip to install difficult vinyl skirting.

**Set up Time**
- Virtually immediate

**Working Time**
- Install immediately once tacky

**Substrates**
- Plasterboard
- Timber
- Metal

**Location**
- Permanent internal application

**Coverage**
- Approximately 3-4m²/L when brushed or rolled

**Packaging**
- 4L container
ARDEX AF 748
ARDEX Code: 12802

LINOLEUM ADHESIVE

ARDEX AF 748 is a high performance wet set acrylic adhesive designed with strength to quickly lock linoleum to the substrate, including the difficult ‘Roll Set’ and manufacturing marks while minimising shrinkage and expansion. Additionally formulated to be a very forgiving adhesive that can be reactivated with heat during installation in small areas to ensure perfect installation.

Set up Time
• 10 minutes

Working Time
• 25 minutes varying on substrate, temperature and humidity

Substrates
• Hardboard underlayment board approved to AS 1859
• Cementitious underlayment approved to AS 2908
• Dry concrete where there is less than 5.5% moisture content or 70% RH
• Contact ARDEX Technical Services for other substrates including terrazzo, ceramic tiles and metal substrates

Floor Coverings
• Linoleum sheet
• Linoleum tiles with fibre glass backing

Location
• Internal permanent installation

Coverage
• Using a 2.4mm V-Notch trowel approximately 3m²/L

Packaging
• 15 Litre pail containing 18kg of adhesive

ARDEX CA20P
ARDEX Code: 10068

MULTIPURPOSE CONSTRUCTION ADHESIVE AND SEALANT

ARDEX CA20P has high initial tack with high bond strength that adheres virtually every building material. Works on dry or wet surfaces and even underwater.

Set up Time
• Wet set for immediate use

Working Time
• Approximately 7-10 minutes

Substrates
• Concrete, timber, metal, plastic, ceramic

Floor Coverings
• Vinyl, carpet, ceramic, stone, timber

Location
• Permanent internal or external application

Coverage
• 30-40ml/m

Packaging
• 310ml metal cartridge
PARQUET ADHESIVE

ARDEX AF 2420 is a solvent free silane based moisture cure timber adhesive free of isocyanates.

With high strength AF 2420, installed timber stays adhered to the substrate in heavy traffic areas. Installed timber can be trafficked after 6 hours and sanded after 24 hours.

Set up Time

- Wet set – install immediately

Working Time

- Approximately 20 minutes

Substrates

- Cementitious underlayment and concrete with less than 5.5% moisture content or 70% RH

Floor Coverings

- Timber parquet
- Timber plank

Location

- Permanent internal application

Coverage

- For small format Parquet using a 3.2x3.6x3.4mm V-notch trowel approximately 400ml/m²
- For large format Parquet using a 5x6x8mm V-notch trowel approximately 750ml/m²
- Contact ARDEX Technical Services for other trowel sizes

Packaging

- 10L pail containing 15kg of adhesive
SHEET VINYL ADHESIVE
ARDEX AF 152 is engineered to adhere resilient sheet flooring to well-prepared concrete, underlayment grade plywood, metal and fiberglass substrates.

Set up Time
• ARDEX AF 152 is ready to receive floor coverings when there is no wet adhesive transfer when lightly touched with finger tips

Working Time
• 3 hours upon tack

Substrates
• Concrete
• Underlayment grade plywood
• Metal
• Fibreglass

Floor Coverings
• Resilient sheet vinyl

Location
• Permanent internal installations

Coverage
• ARDEX AF 152 spray can will cover approximately 14-17.2m²

Packaging
• 600ml (624g) can, carton of 6 cans

NEW TECHNOLOGY VCT ADHESIVE
ARDEX AF 158 is engineered to adhere Vinyl Composition Tile (VTC) to well-prepared concrete, underlayment grade plywood, metal and fibreglass substrates.

Set up Time
• ARDEX AF 158 is ready to receive floor coverings when there is no wet adhesive transfer when lightly touched with finger tips

Working Time
• 2 hours upon tack

Substrates
• Concrete
• Underlayment grade plywood
• Metal
• Fibreglass

Floor Coverings
• Vinyl Composition Tiles (VCT)

Location
• Internal installations

Coverage
• ARDEX AF 158 spray can will cover approximately 15.9-18.5m²

Packaging
• 600ml (624g) can, carton of 6 cans
CARPET TILE ADHESIVE

ARDEX AF 239 is engineered to adhere Carpet Tile, suitable LVT and tile plank to well-prepared concrete, underlayment grade plywood, metal and fiberglass substrates.

Set up Time

• ARDEX AF 239 is ready to receive floor coverings when there is no wet adhesive transfer when lightly touched with finger tips

Working Time

• 4 hours upon tack

Substrates

• Concrete
• Underlayment grade plywood
• Metal
• Fibreglass

Floor Coverings

• Carpet tile, LVT and tile plank

Location

• Internal installations

Coverage

• ARDEX AF 239 spray can will cover approximately 14-17.2m²

Packaging

• 600ml (624g) can, carton of 6 cans
ARCHITECTURAL SPECIFICATION GUIDELINE

Flooring Preparation for Vinyl Coverings

This specification guideline covers the preparatory levelling of internal concrete floor 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.

1.1 The flooring contractor shall inspect the floor and provide a written report to the purchaser in accordance with AS1884 FLOOR COVERINGS.

1.2 The contractor shall discuss his findings with the purchaser and make written recommendations on altering the specification consistent with the findings.

2.1 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.

2.2 All surfaces shall be cleaned free from all traces of dirt, dust and loose particles.

3.1 The contractor shall test the floor for the presence of excess moisture.

3.2 Where excess moisture exists the contractor shall install two coats of ARDEX WPM 300 Moisture Barrier.

4.1 The contractor shall inspect the floor for cracking.

4.2 Where cracks are identified as structural, the contractor shall discuss and obtain an instruction for remedial work from the purchaser.

4.3 Where cracks are dormant and non structural, chase cracks and backfill with ARDEX Ardurapid A45 Repair Mortar.

4.4 Add ARDEX E25 Admixture when applying ARDEX K15 over ARDEX WPM 300 Moisture Barrier that has been primed with ARDEX P82 Ultra Prime.

5.1 Prime porous surfaces with Ardex P 51 Primer.

5.2 Prime non-porous surfaces with Ardex P 82 Primer.

6.1 The contractor shall test for ‘Planeness’ and ‘Smoothness’ in accordance AS1884.

6.11 Planeness shall be no less than 6mm under a 1.5m straight edge.

6.12 Smoothness shall be no less than 1mm under a 150mm straight edge.

6.2 For floors that do not meet the standard of ‘Planeness’, the contractor shall apply a flood coat of 3mm or greater of ARDEX K15 Rapid Drying Self-Levelling Smoothing Compound else where the floor is ‘Plane’ but not ‘Smooth’ the contractor apply ARDEX Feather Finish™ Rapid Drying Smoothing compound.

Note: It is the responsibility of the contractor to check AS1884 for amendments.
ONGOING PROFESSIONAL DEVELOPMENT

Our industry, like any other, requires on-going training to keep up with the changes in the materials (tiles, concrete, substrates etc), standards and legislation.

For flooring contractors committed to providing a high level of workmanship, ARDEX can help you stay up to date, and increase both your professionalism and productivity.

ARDEX workshops are designed to give you hands on experience in addition to the theory.

These workshops cover:

• Developing practical application skills in priming, ramping, smoothing, levelling and flooring adhesives including traditional and spray adhesives

• Avoiding moisture failure by substrate moisture testing and moisture barrier installation

• Product technology to develop expertise in matching product to application, substrate, floor covering and balancing risk

• Specification of floor preparation systems for economical installation

• Discussion of AS1884 floor coverings including contractual obligations and responsibilities

Contact your local ARDEX office for information on up coming workshops.
DISCLAIMER:

The technical details, recommendations and other information contained in this catalogue are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions are recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

NOTE:

ARDEX products are generally warranted for 10 years when installed to relevant Australian Standards and applicable ARDEX specification, technical data sheet and instruction for application and use. While we assure customers the high standard and quality of our products and services, we accept no liability for any loss or damage which arises from particular site conditions, poor handing and storage, or installation by unqualified and unskilled applicators.

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