A photograph of a modern interior space featuring a light-colored, textured stone tile floor. In the upper left, a wicker armchair is draped with a teal blanket and holds a rolled-up magazine. To the right, a wire basket filled with various magazines sits on the floor. Several potted plants, including a large green plant and a white orchid, are scattered around the chair. The overall scene is bright and airy, with a clean, minimalist aesthetic.

ARDEX RECOMMENDATIONS FOR RESILIENT FLOORING INSTALLATION



Image courtesy of Lifestyle Floors

FOR THE PERFECT FLOOR

The ARDEX range of High Performance Flooring products have been developed, tested and approved to be fully compatible with today's most popular floor coverings; offering the professional installer unique application benefits and guaranteed long term performance, helping to ensure the perfect installation every time.

REPAIR



REPAIR MORTARS

PROTECT



MOISTURE CONTROL
& PRIMING

LEVEL & SMOOTH



LEVELLING AND
SMOOTHING
COMPOUNDS

INSTALL



FLOORING
ADHESIVES

ARDEX ENDURA TRAINING

ARDEX ENDURA offers a range of demonstrations and seminars that can be tailored to your specific needs. Courses can either be taken at the ARDEX ENDURA Training Academies in Bangalore, Delhi, Mumbai or at an alternative location of your choice.

Training is carried out by our team of technical experts who have both extensive knowledge and practical experience of the construction industry. This allows our courses to remain accurate and up-to-date, covering the latest information, technological advances and industry regulations.



SUPPORT SERVICES



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

Just search for "ARDEX ENDURA" on Google Play store. Alternatively, scan the QR code below to download.



Scan and download our Android app



SYSTEM ARDEX

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

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

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

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



THIS IS ARDEX

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.

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 53 subsidiaries and about 3000 employees in more than 100 countries. It's no coincidence that ARDEX is regarded as the premium partner in the buildings chemicals sector.



SUSTAINABILITY IS ONE OF THE DEFINING ISSUES OF OUR TIME. CLIMATE CHANGE AND THE GLOBAL FINANCIAL CRISIS HAVE DRIVEN HOME THE CONSEQUENCES OF SHORT-TERM GOAL ACTION. SUSTAINABLE OPERATIONS SHAPE THE FUTURE THROUGH ENVIRONMENTAL PROTECTION AND SPARING USE OF ECONOMIC RESOURCES.

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

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



REPAIR MORTARS



ARDEX FEATHER FINISH

Rapid Drying Patching and Smoothing Compound

- Floor coverings can be installed after as little as 15 minutes
- True feather edge allows for greater coverage
- No priming required



11 Kgs



20 Mins



Approximately 50m²
at 200 microns



A 45

Rapid Drying & Hardening Internal Repair Mortar

- Receives finishes after 90 minutes, regardless of thickness
- Priming rarely required
- Receives ARDEX ENDURA Levelling Compounds immediately after application
- Slump free - ideal for vertical and horizontal repairs



11 Kgs



60 Mins



Approximately 7m²
at 1 mm



40 N/mm²





ARDEX PU 30

One Component, Primer & Moisture Barrier

- Protects the floor covering from residual construction moisture and rising damp
- Priming of moisture sensitive old and new substrates
- Consolidation of absorbent substrates
- Primer and moisture barrier onto absorbent and non-absorbent substrates



11 Kgs



40-50 Mins



1 Hr/Coat



100 - 150g/m² in one coat as a primer
250 - 300g/m² in two coats as moisture barrier



ARDEX P 7

Ready-to-use Primer for Non-Absorbent Surfaces

- Ready mixed re-sealable tub for convenience and ease of use
- Rapid drying - dries in as little as 30 minutes
- Pink colour allows clear identification of primed areas
- Moisture resistant - for internal use
- Produces a textured grip surface
- Suitable for a wide range of non-absorbent smooth, dense substrates
- Solvent free



12 Kgs



30-60 Mins



100 - 150g/m²



P 51

Water-Based Primer & Bonding Agent

- For use on dry floors prior to the application of a water-based levelling compound
- Minimises air bubbles rising through levelling compounds and porous surfaces
- Multipurpose - Suitable for a wide range of applications
- Easy to use, dilute as appropriate for the application



5 Kgs



30-60 Mins




Refer to product datasheet



CL 11
Commercial grade, Subfloor Levelling and Smoothing Compound

- Pumpable, highly fluid for fast installation
- Produces flat and absorbent surface for subsequent finishes
- Ready to receive floor covering between 24 - 48 hours

 25 Kgs

 3 Hrs

 3-5 mm

 Approximately 5m² at 3 mm




K 301
Fast setting, Resurfacing and Levelling Compound

- Suitable for internal or external surfaces
- Rapid hardening – Can withstand light vehicular traffic after 48 hours
- Superior flow and finish, with minimum effort

 25 Kgs

 2-3 Hrs

 2-20 mm

 Approximately 3m² at 5 mm

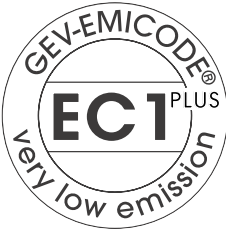


FLOORING ADHESIVES

ARDEX RECOMMENDED ADHESIVES GUIDE

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 floor covering types.

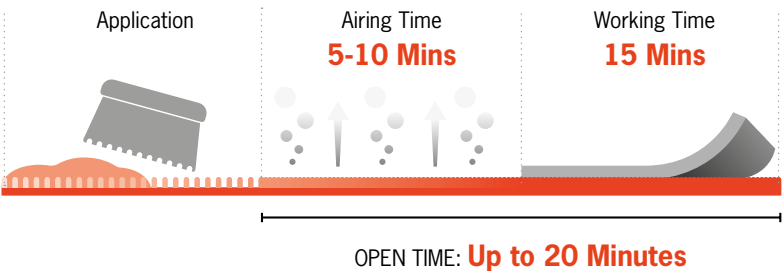
Our quick reference guide overleaf allows you to easily identify the most appropriate adhesive for the floor covering you are installing.



EMICODE is a trademark-protected eco-label for product classification for low-emission installation materials and construction products. The Environmental and Indoor Hygiene Test Mark has been awarded by Gev (Community Emissions-Controlled Installation Materials, Adhesives and Construction Products) since 1997 to products of manufacturers subject to strict quality controls and periodic inspections.

EMICODE offers guidance in the evaluation and selection of construction chemical products from the point of view of consumer and environmental protection. The classification system is aimed at planners, consumers and craftsmen, is cross-company and competitively neutral.

Installation Schedule:



LEGEND:

AIRING TIME:
The time the adhesive must be left open before applying the floor covering.

WORKING TIME:
The time in which the adhesive can receive the floor covering, after the initial airing time.

OPEN TIME:
The combination of airing and working time.

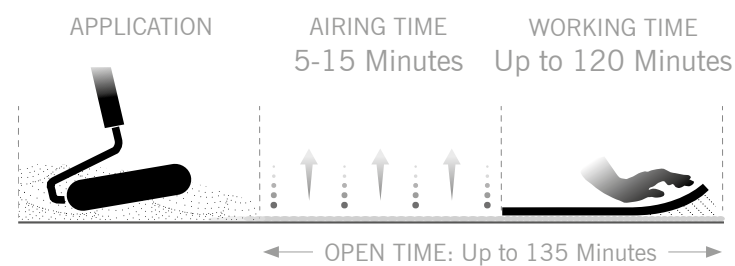


ARDEX AF 148

All Purpose Flooring Adhesive

- Dispersion based
- Low odour and very low emission
- Suitable for installation of Vinyl sheets, Vinyl tiles, LVT and Carpet tiles
- Extra-long working time
- Semi-wet and pressure sensitive properties
- Very high coverage

10 Kgs Up to 76m²

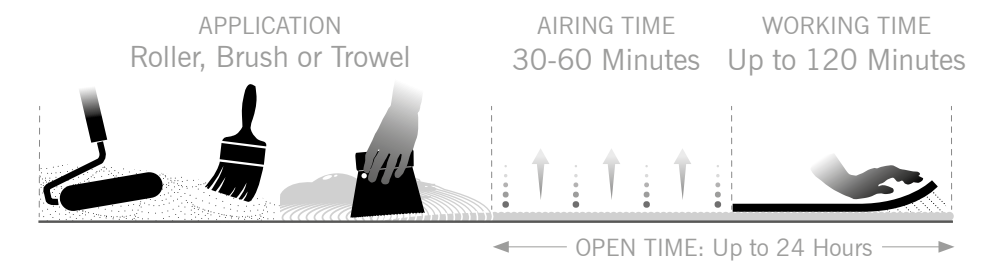
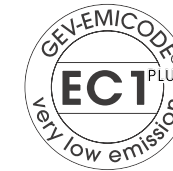


ARDEX AF 620

Solvent Free Contact Adhesive

- Solvent free formulation
- Very low emission
- Easy to apply with a short-piled roller, paint brush or notched trowel
- Long working time
- Floors can receive foot traffic immediately after application

2.5 Kgs Up to 25m²

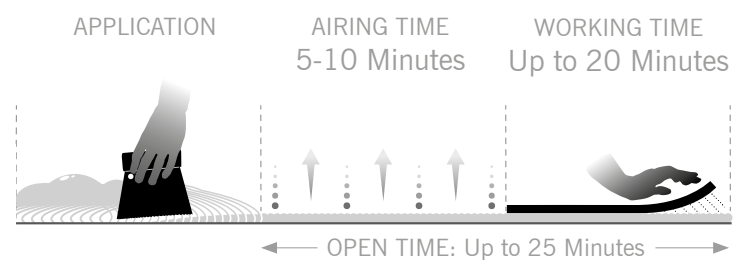


ARDEX AF 325

Carpet Adhesive

- Excellent early grab – carpet can be installed immediately
- High temperature resistance
- Rapid strength development
- Solvent free and low odour heating systems

14 Kgs Up to 35m²

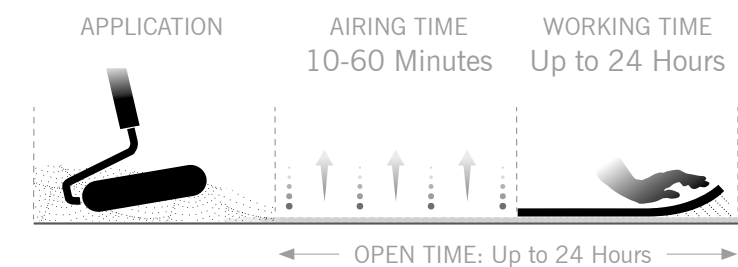
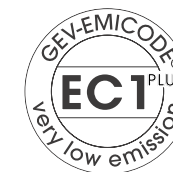


ARDEX AF 825

Surface Tackifier

- Install floor coverings in as little as 10 minutes or up to 24 hours after application
- Instant release allows worn or damaged tiles to be removed easily
- Suitable for raised access flooring

10 Kgs Up to 125m²





ARDEX AF 2270

Universal Conductive Adhesive

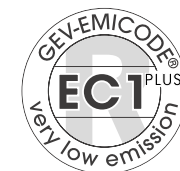
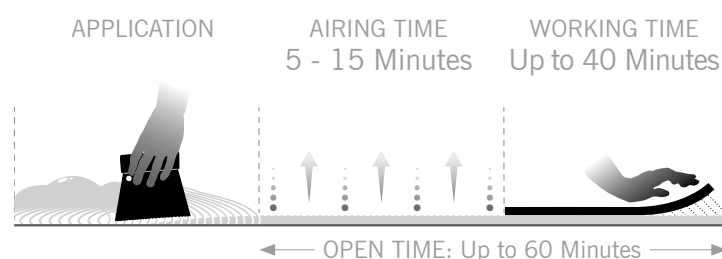
- Relatively emission-free. No odour when dry - solvent free
- Very wide range of applications
- For textile and flexible floor coverings
- Can be used under textiles, linoleum and rubber flooring without a conductive primer
- Very high strength



12 Kgs



Textile coverings and linoleum: (S2 trowel) 400-450 g/m²
PVC coverings in rolls and sheets: (P7 trowel) 250-300 g/m²
Coverings with highly structured backing: (P25 trowel) 500-550 g/m²



ARDEX AF 2525

Heavy Duty Adhesive - Two Component

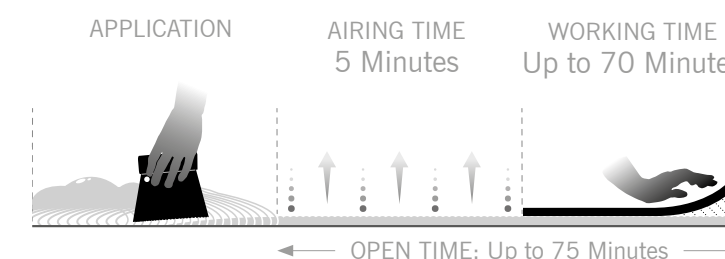
- Moisture, weather and water resistant
- High temperature resistance, ideal for use in areas of direct sunlight and with underfloor heating systems
- Suitable for internal and external use
- Very high bond strength, for use in high load areas
- Very low emissions
- Solvent free



6 Kgs



Up to 20m²



ARDEX AF 2365

Universal Adhesive

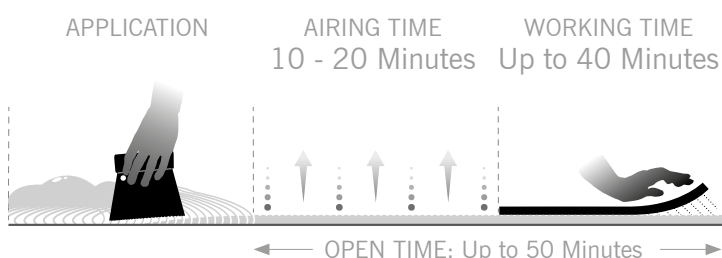
- Suitable for installing all main floor coverings (LVT, Planks, Textiles, Rubber up to 2.5mm, Linoleum, Vinyl Sheet, Cushioned Vinyl)
- High temperature resistance, suitable for use over underfloor heating systems
- Suitable for internal and external use
- Solvent free



14 Kgs



Up to 67m²



ARDEX AF 2575

Heavy Duty Adhesive - One Component

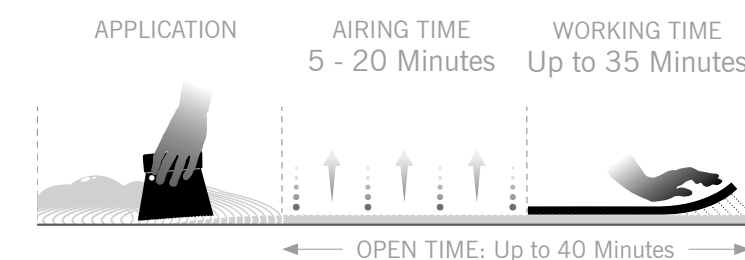
- Zero waste, ready mixed and re-sealable
- Moisture, weather and water resistant
- High temperature resistance, ideal for use in areas of direct sunlight and with underfloor heating systems
- Suitable for internal and external use



7 Kgs



Up to 23m²

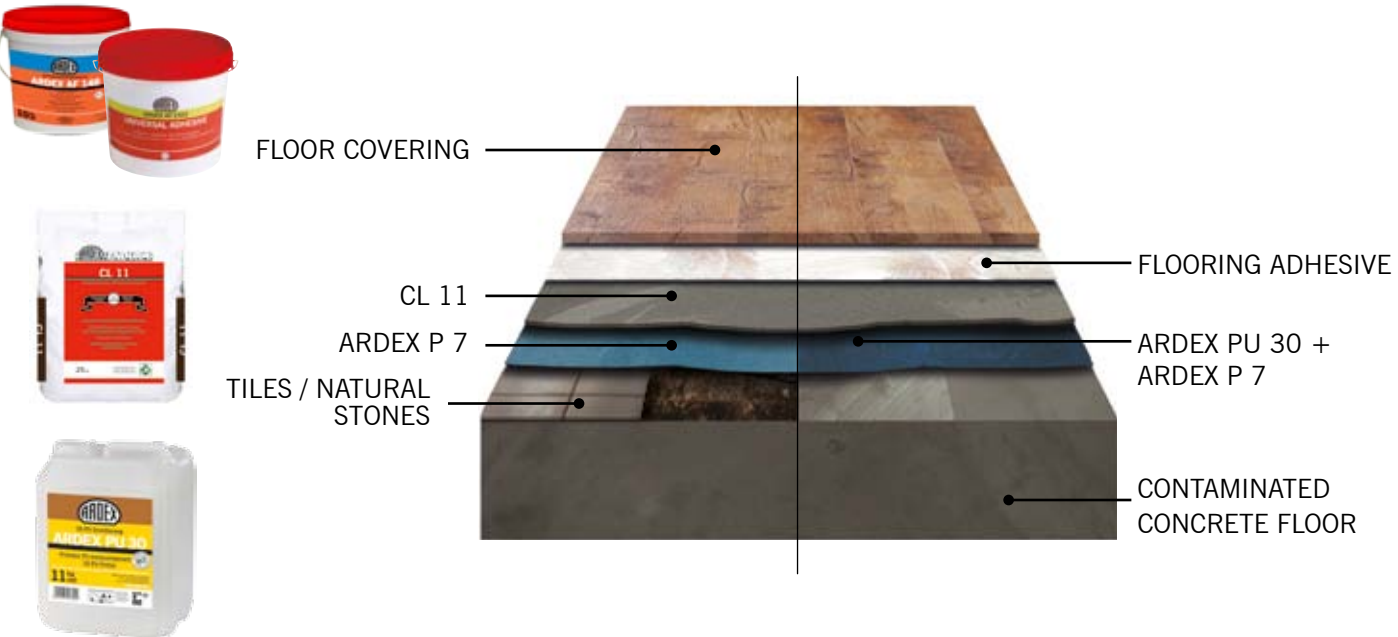




REFURBISHMENT

Our refurbishment system is ideal for older properties with damp or contaminated floors. This system reduces the need for intensive preparation and priming.

Image courtesy of Lifestyle Floors



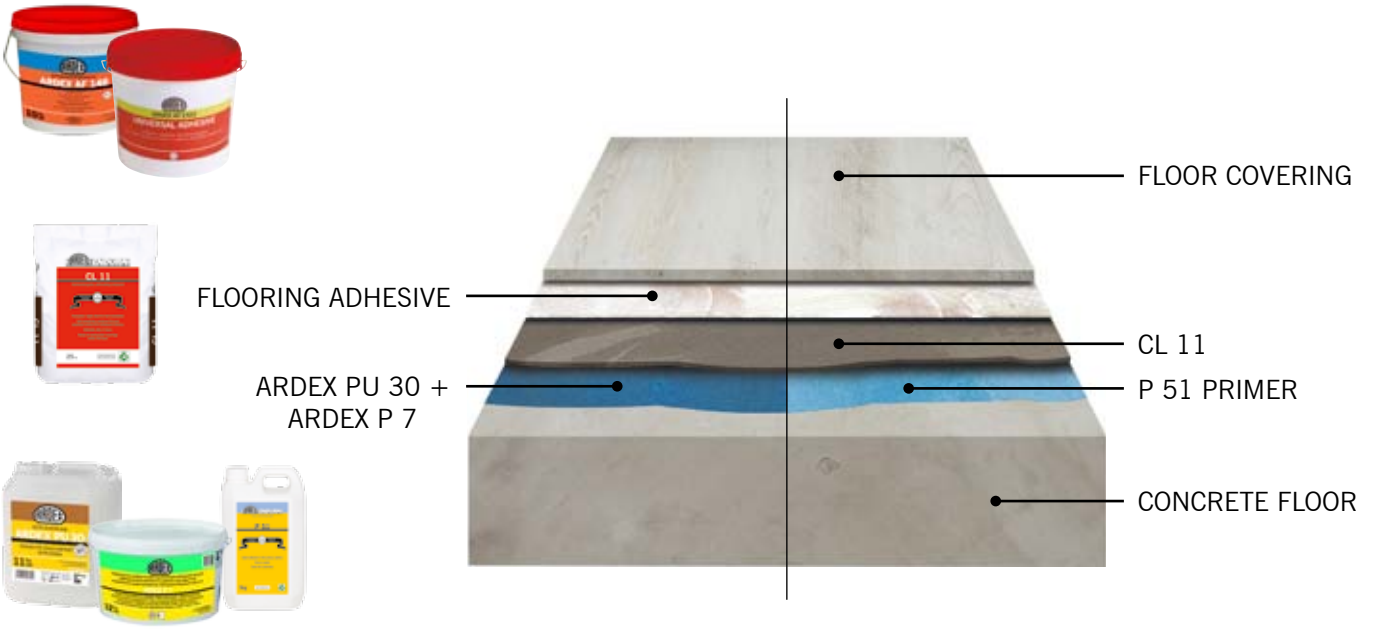
NEW BUILD

We have two system recommendations for new build installations.

Damp Floor: If your floor has RH readings above 75% and below 95%, with a functioning structural damp proof membrane present, we recommend the use of ARDEX PU 30.

Dry Floor: If your floor has RH readings below 75%, we recommend the use of P 51 PRIMER.

Image courtesy of Lifestyle Floors





FLOORING GRADE PLYWOOD

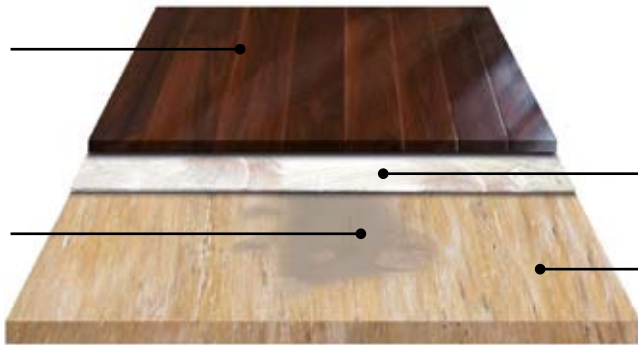
If you are installing Luxury Vinyl Tiles over a suitable flooring grade plywood, ARDEX Feather Finish allows you to rapidly skim the plywood, and smooth between staggered sheets. ARDEX Feather Finish dries in as little as 15 minutes, ensuring a fast track LVT installation.

Image courtesy of Lifestyle Floors



FLOOR COVERING

ARDEX FEATHER FINISH



FLOORING ADHESIVE

FLOORING GRADE PLYWOOD



HIGH SOLAR GAIN

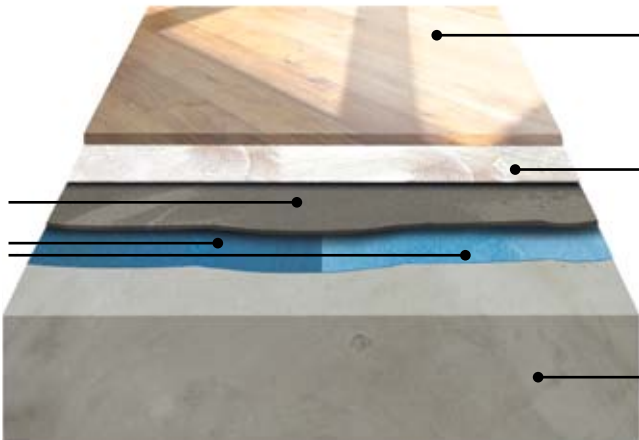
If you are installing Luxury Vinyl Tiles in areas of direct sunlight, such as conservatories and extensions, ARDEX AF 2575 One Component Heavy Duty Adhesive is part of the ideal system from ARDEX.

Image courtesy of Lifestyle Floors



CL 11

*MOISTURE CONTROL / PRIMING



FLOOR COVERING

FLOORING ADHESIVE

CONCRETE FLOOR

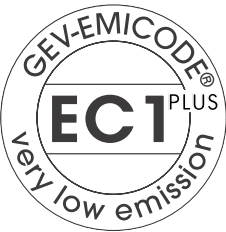
* Product selection will depend on the RH readings of the floor.



INSTALLING OTHER FLOOR COVERING TYPES?

ARDEX HAS THE SOLUTION

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



DESCRIPTION	PRODUCT	PACK SIZE	VINYL					LINOLEUM				CARPET								CARPET TILES			UNDERLAY		RUBBER				
			LUXURY VINYL TILE AND PLANKS	LOOSELAY LVT	VINYL SHEET	CUSHIONED	COVING / SKIRTING	VINYL COMPOSITION TILE	JUTE / HESSIAN BACKED	POLYESTER BACKED SHEET	POLYESTER BACKED TILES	WOVEN	ACTIONBAC	GEL FOAM	NEEDLEPUNCH / FIBREBONDED	SECONDARY BACKED	FELT	LATEX	PVC	ARTIFICIAL GRASS	NATURAL FIBERS	BITUMEN BACKED	PVC	GEL BACKED	CARPET UNDERLAY		SHEET UP TO 4mm	TILES UP TO 4mm	TILES ABOVE 4mm
PRESSURE SENSITIVE	ARDEX AF 148	10 Kgs	✓	✓	✓	✓							✓	✓	✓	✓	✓				✓	✓	✓		✓				
LOW EMISSION CARPET	ARDEX AF 325	14 Kgs										✓	✓	✓	✓	✓	✓		✓										
SOLVENT FREE CONTACT	ARDEX AF 620	2.5 Kgs	✓		✓	✓	✓	✓	✓	✓		✓	✓				✓				✓	✓	✓				✓	✓	✓
TACKIFIER	ARDEX AF 825	10 Kgs		✓															✓		✓	✓	✓		✓				
CONDUCTIVE	ARDEX AF 2270	12 Kgs			✓							✓		✓													✓		
UNIVERSAL	ARDEX AF 2365	14 Kgs	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	✓				✓		
HEAVYDUTY (TWO COMPONENT)	ARDEX AF 2525 2K	6 Kgs	✓		✓			✓										✓									✓	✓	
HEAVYDUTY (ONE COMPONENT)	ARDEX AF 2575 1K	7 Kgs	✓		✓			✓										✓								✓	✓	✓	

Images courtesy of Lifestyle Floors



KEY POINTS FOR THE INSTALLATION

PRODUCT CONDITIONING

Prior to the installation of luxury vinyl tiles or planks please refer to the manufacturer’s guidelines on product condition. Failure to follow the product conditioning guidelines can result in shrinkage or lipping.

- Product conditioning should always take place in the area that will receive the installation.
- The tiles, planks and any other flooring accessories should be conditioned together for a minimum of 24 hours prior to installation.
- In line with BS 8203:2017 codes of practice, the room temperature should be between 18°C and 28°C, staying constant and not varying by more than 2°C.
- The product conditioning time should be increased to 48 hours where the luxury vinyl tiles or planks have been stored and/or delivered at colder temperatures, lower than 10°C.
- Areas subject to high solar gain such as conservatories, extension areas with bi-fold doors and windows, should be shaded or covered during the product conditioning period, installation period and for 24 hours after the installation.

INSTALLATIONS WITH UNDERFLOOR HEATING

Underfloor heating systems should be commissioned in accordance with the underfloor heating manufacturer’s instructions or follow the guidance given in BS 8203 and BS 8204.

- Underfloor heating systems should be switched off and fully cooled for a maximum of 48 hours prior to the installation of the final floor covering. The system should remain off during the installation and for a minimum of 48 hours afterwards. It should then be slowly brought back up to the working temperature incrementally over several days.
- A maximum subfloor temperature, at the adhesive line of 27°C should never be exceeded. This is not room temperature.

Note: Thermal cycling of the subfloor will require raising the temperature of the substrate slowly, usually 10°C a day, to full operating temperature, held for a defined period, and slowly brought back down, usually 10°C a day, so that any shrinkage that is likely to take place occurs before the adhesive and final floor covering is installed.

ARDEX FLOORING ADHESIVE APPLICATION

- The ARDEX Adhesive should be applied evenly using the appropriate serrated trowel, held approximately at a 60-degree angle to the subfloor to maximise coverage and avoid forming pools of adhesive.
- Allowing the adhesive to air will help to reduce lateral slide and adhesive squeeze when installing luxury vinyl tiles or planks.
- Only apply sufficient adhesive that can be covered within the working time.
- Remove any air pockets with a cork board or rubbing tool whilst the adhesive is still wet and roll the flooring with a 68kg roller and/or a smoothing tool. Roll from side to side first and then end to end. Rolling will ensure good overall contact and minimise the potential for adhesive serration grin through.
- In areas subject to high solar gain or extreme fluctuations in temperature, ARDEX recommends the use of ARDEX AF 2575 Heavy Duty Adhesive.

SETTING OUT YOUR LUXURY VINYL TILES OR PLANKS

For setting out the installation of the luxury vinyl tiles or planks, please refer to the manufacturer’s guidelines.

CODES OF PRACTICE

Site conditions should be prepared in accordance with British Standards BS 8203:2017 Code of practice for installation of resilient floor coverings.

REPAIR



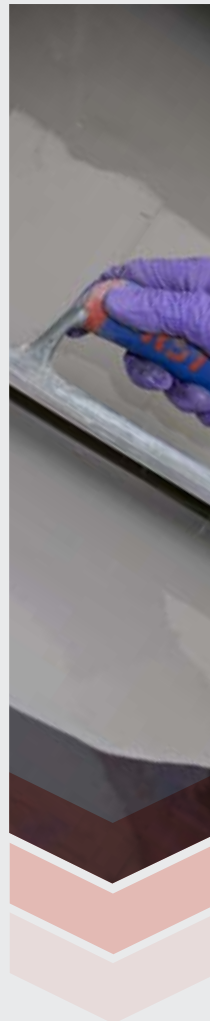
REPAIR
MORTARS

PROTECT



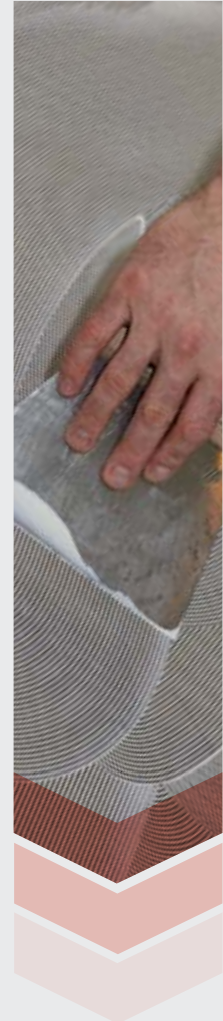
MOISTURE CONTROL
& PRIMING

LEVEL & SMOOTH



LEVELLING AND
SMOOTHING
COMPOUNDS

INSTALL



FLOORING
ADHESIVES



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