



Fast Track Screeding Products



Walkable after
3 hours



Install
floorcoverings
after 4 hours



Rapid Drying Screed Cements | Bonding Agents | Screed Repair and Renovation

**TRADITIONAL SAND/CEMENT
AND ANHYDRITE SCREEDS
DRY AT A RATE OF
1MM PER DAY, MEANING
MONTHS OF DRYING BEFORE
SUBSEQUENT WORK CAN BEGIN.**



**WITH ARDEX RAPID DRYING
SCREED CEMENTS, THE AREA
CAN BE WALKED ON IN AS LITTLE
AS 3 HOURS AND FLOORCOVERINGS
CAN BE INSTALLED IN AS LITTLE
AS 4 HOURS, REGARDLESS
OF THICKNESS.**



ARDEX Building Products

Our company's heritage dates back more than 60 years, and as a global manufacturer of Fast Track Building Products, ARDEX has remained at the forefront of the UK construction industry. ARDEX offer an extensive range of products, designed to work together to provide complete fast track system solutions to both new build, and refurbishment projects.

From Ultra Rapid Drying Screed Cements, Smoothing and Levelling Compounds and Moisture Control Systems, to High Performance Tile Adhesives and Specialist Plasters, all ARDEX products facilitate the early installation of the final floorcovering or wall finish, and help to ensure the perfect finish.

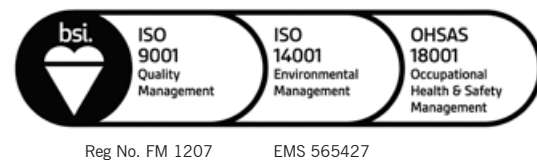
The Experts in Fast Track Screeding

With enhanced performance properties, an ARDEX Ultra Rapid Drying Screed can receive floorcoverings in as little as 4 hours, significantly shortening installation times. As a result, our products have been specified on many time critical projects where minimal

disruption and fast turnarounds were essential; including King's Cross Underground Station and Selfridges Foodhall, where work was completed overnight and areas reopened to the public the following morning.

Solutions You Can Trust

ARDEX strive to promote professionalism, technical standards and best practice, and with all our products manufactured under a quality system certified to ISO 9001, 14001 and 18001, we produce systems you can trust.





NOTTINGHAM TRAIN STATION

Ultra rapid drying products ensured an **UNINTERRUPTED SERVICE** throughout this major refurbishment project

Products used: ARDEX A 38, ARDITEX NA, ARDEX DPM 1 C

Contractor: DMC Contracts



ARDEX Fast Track Screed Cements



A full ARDEX specification, including ARDEX A 38, was specified on the new David Lloyd Leisure Club in Colchester.



ARDEX A 35 was laid to 85mm as part of a 4,300m² screeding, tiling and grouting project at King's Cross Underground Station.

Time Critical Projects

Many clients demand fast turnarounds. From commercial projects in public areas where closures and downtime must be minimised, or where works have overrun and look to make back time to finish on schedule; to the residential sector, where homeowners simply want their projects completed as quickly as possible.

However, most screeds, including traditional sand/cement and anhydrite, can't be walked on for days, and require months of drying before any floor finishes can be installed. With on-site conditions and thicker applications slowing drying rates further, the screed can often delay the completion of the entire project.

Rapid Drying, Minimum Shrinkage, Rapid Strength

ARDEX Fast Track Screed Cements incorporate 'RAPIDRY FORMULA' Technology, binding the water used for mixing within the cement, ensuring rapid drying, minimum shrinkage and rapid strength development, regardless of thickness. In addition, all ARDEX products perform in typical UK site conditions, and offer the following fast track benefits over traditional screeds:

- The screeded area can be walked on in hours, as opposed to the 7 days that traditional screeds require as per BS 8204
- Floorcoverings can be installed in as little as 4 hours, compared to the months of drying a traditional screed may require
- ARDEX Screeds will pass a BRE Screed test in as little as 6 hours, rather than 2 weeks with conventional screeds





	External		Internal	
	Ultra Rapid Drying	Rapid Drying	Ultra Rapid Drying	Rapid Drying
				
	Fix tiles and stone after just 4 hours	Install all floorcoverings within 7 days	Install vinyl and wood after 24 hours	Install all floorcoverings within 6 days
Working Time	60 Mins	90 Mins	60 Mins	45 Mins
Walkable	3 hours	8 hours	3 hours	5 hours
Tile	4 hours	24 hours	24 hours	48 hours
Natural Stone	4 hours	7 days	24 hours	3 days
Carpet, Vinyl & Wood	48 hours	7 days	24 hours	6 days
BRE Screed Test	6 hours	24 hours	6 hours	24 hours
Commission UFH	3 days	7 days	3 days	6 days
Mix Ratio	1:5	1:7	1:4/1:5	1:7
Consumption per m ² /mm	0.31kg	0.27kg	0.31kg @1:5	0.27kg
Wet Areas	✓	✓	–	–
Pumpable	✓	✓	✓	✓
Available Pre-Blended	✓	–	✓	–

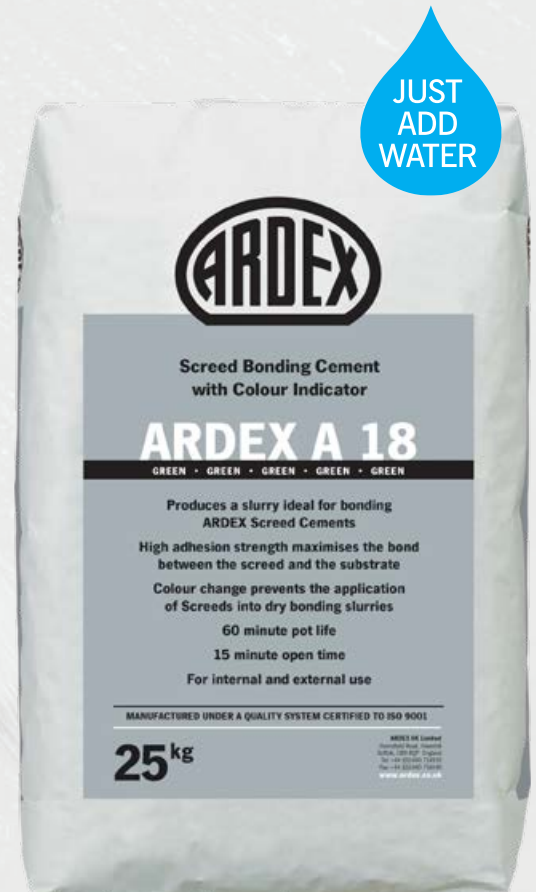
Bonding Agents

ARDEX A 18 Screed Bonding Cement with Colour Indicator

When mixed with water, ARDEX A 18 produces a slurry ideal for bonding ARDEX Screed Cements. It can also be used for joining daywork joints when a new bay is laid against a set and hardened screed.

- Colour change helps prevent applying screed cements into dry bonding slurries
- High adhesion strength maximises the bond between the screed and the substrate
- 60 minute pot life
- For internal and external use

JUST
ADD
WATER





Dry ARDEX A 18

Wet ARDEX A 18

View the full ARDEX Bonding Agent Range at www.ardex.co.uk



ARDEX P 51
Concentrated
Water-Based Bonding
Agent and Primer



ARDEX E 100
Additive for
Bonding/Slurry Grouts

Pre-Blended Screeds



ARDEX A 38 MIX

Pre-Blended Ultra Rapid Drying Cement for Internal & External Screeds

Pre-blended with graded sand for convenience. Ideal for screeding in locations where access is limited

- Walkable from 3 hours
- Install tiles after only 4 hours
- Install carpet, wood and vinyl floorcoverings after 48 hours



ARDEX A 35 MIX

Pre-Blended Ultra Rapid Drying Cement for Internal Screeds

Pre-blended with graded sand for convenience. Ideal for screeding in locations where access is limited

- Walkable from 3 hours
- Install tiles after only 24 hours
- Install carpet, wood and vinyl floorcoverings after 24 hours, or just 4 hours for carpet and vinyl when smoothed with ARDEX A55



Screed Repair & Renovation



ARDEX ARDURAPID A 45 Rapid Drying Internal Repair Mortar

Ideal for the rapid repair of internal screeds, concrete and renders.

- Priming rarely required
- Receives floorcoverings after 90 minutes, regardless of thickness
- Shrinkage compensated and crack free



ARDEX A 46 Multi-Purpose Repair Mortar

Ideal for the rapid repair of external and internal screeds, concrete and renders. ARDEX A 46 is moisture tolerant, and can be used in wet areas.

- Priming rarely required
- Sets in 30 minutes, and floorcoverings can be applied after 4 hours
- Shrinkage compensated and crack free



ARDEX PSRS Penetrating Screed Renovation System

Strengthens and restores poorly compacted and low strength screeds.

- Cures in as little as 4 hours
- Consolidated screeds meet BS 8204 Soundness Category A
- Low odour and solvent free



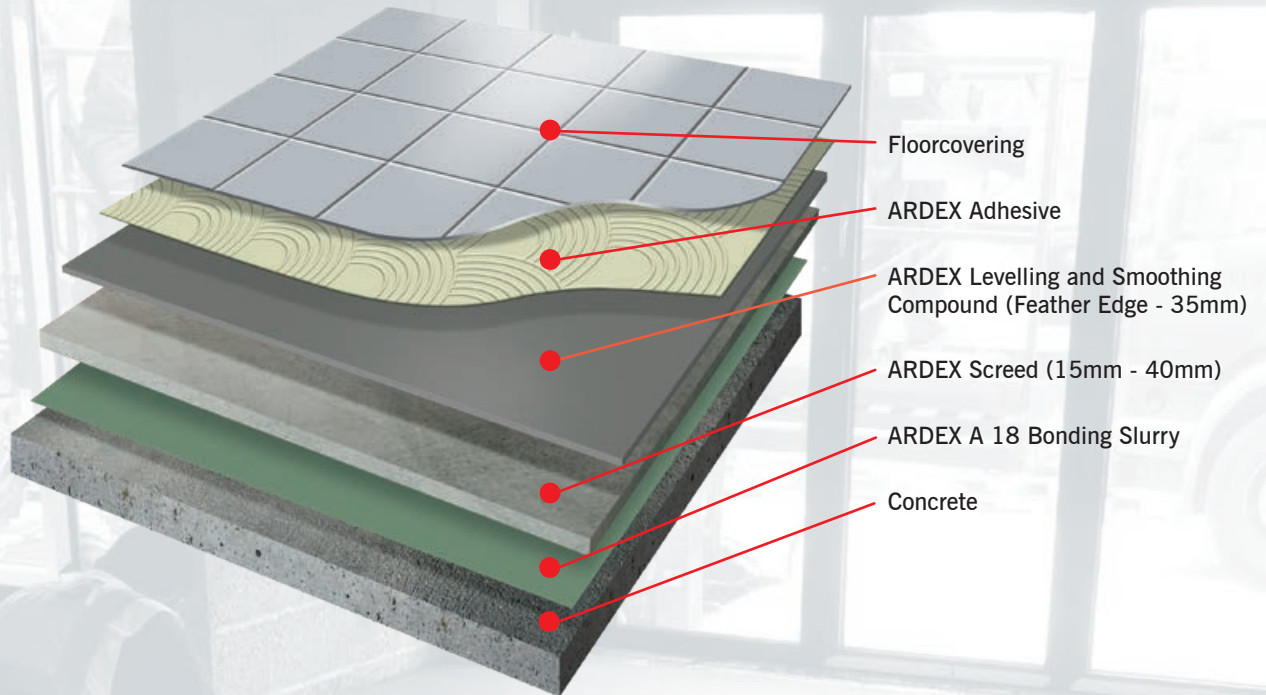
ARDEX P10 SR Rapid Hardening Crack Repair Resin Kit

For the rapid repair and bonding of static non-structural cracks and static joints in concrete and sand/cement screeds.

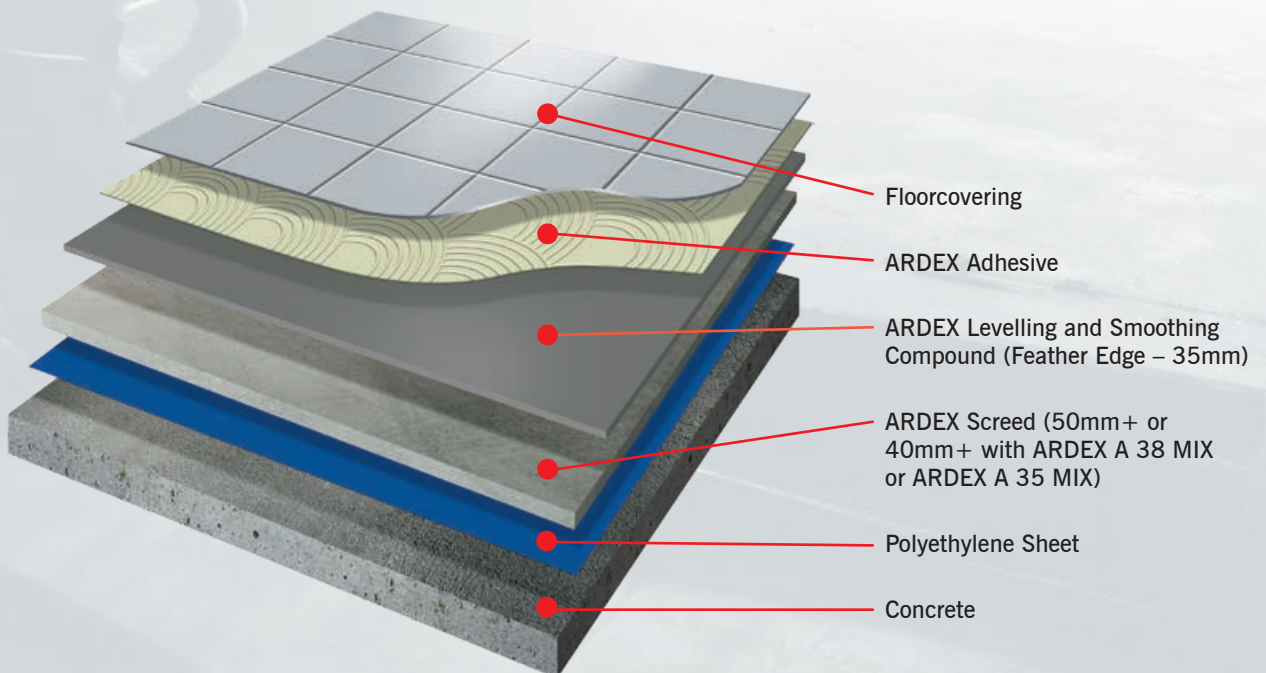
- Easy to use, no mixing equipment required
- Fast setting and load bearing in as little as 20 minutes
- Can also be used as an adhesive to fix metal profiles, carpet grippers etc.

ARDEX System Specification Diagrams

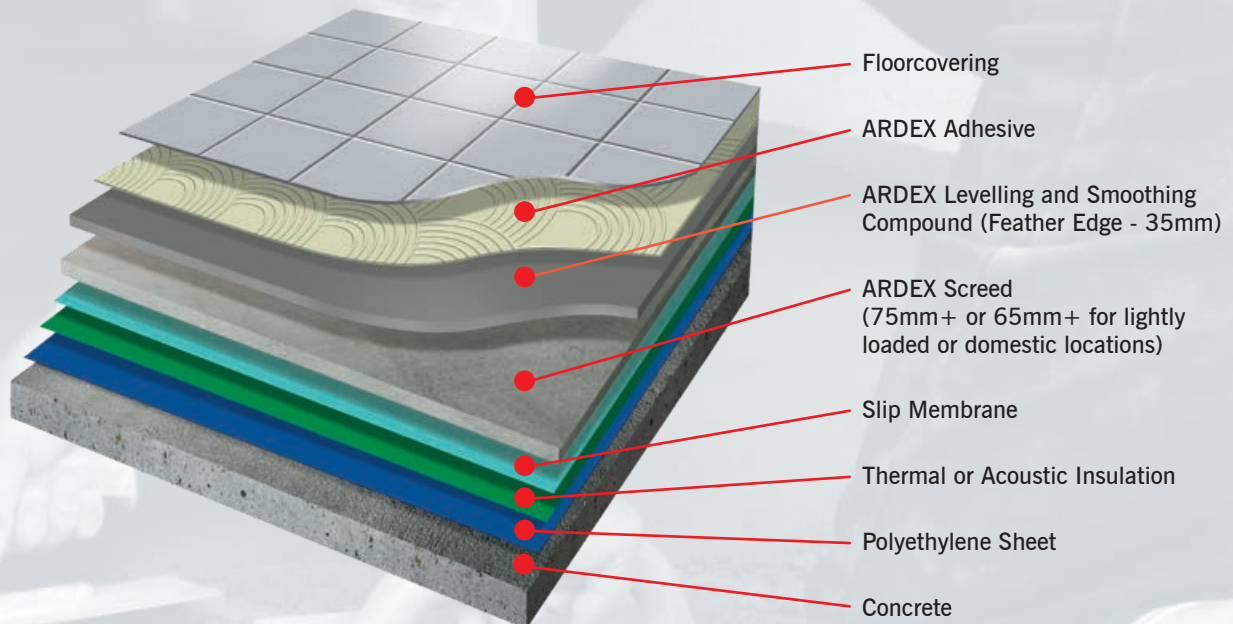
Bonded Screeds



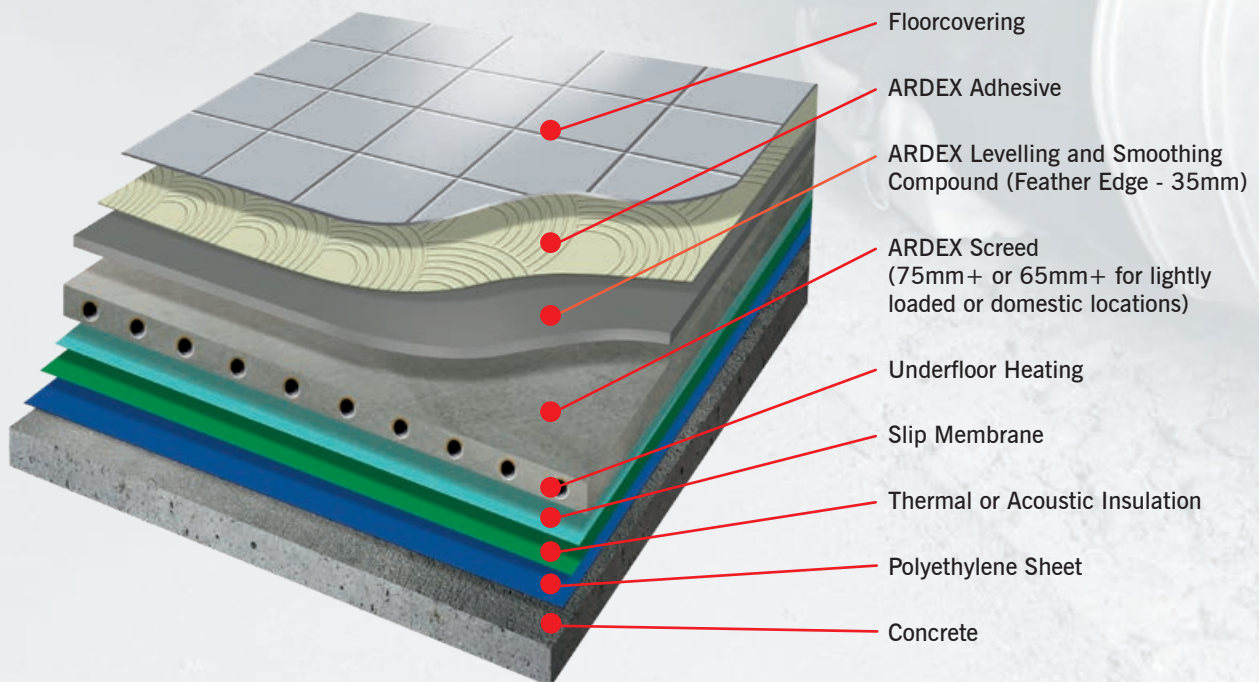
Unbonded Screeds



Floating Screeds



Floating Screeds with Underfloor Heating



ARDEX Fast Track Building Products Range

Wall Tile

Tile Grouts and Sealant

Wall Tile Adhesives

Tile Renders

Waterproofing

Floor Tile

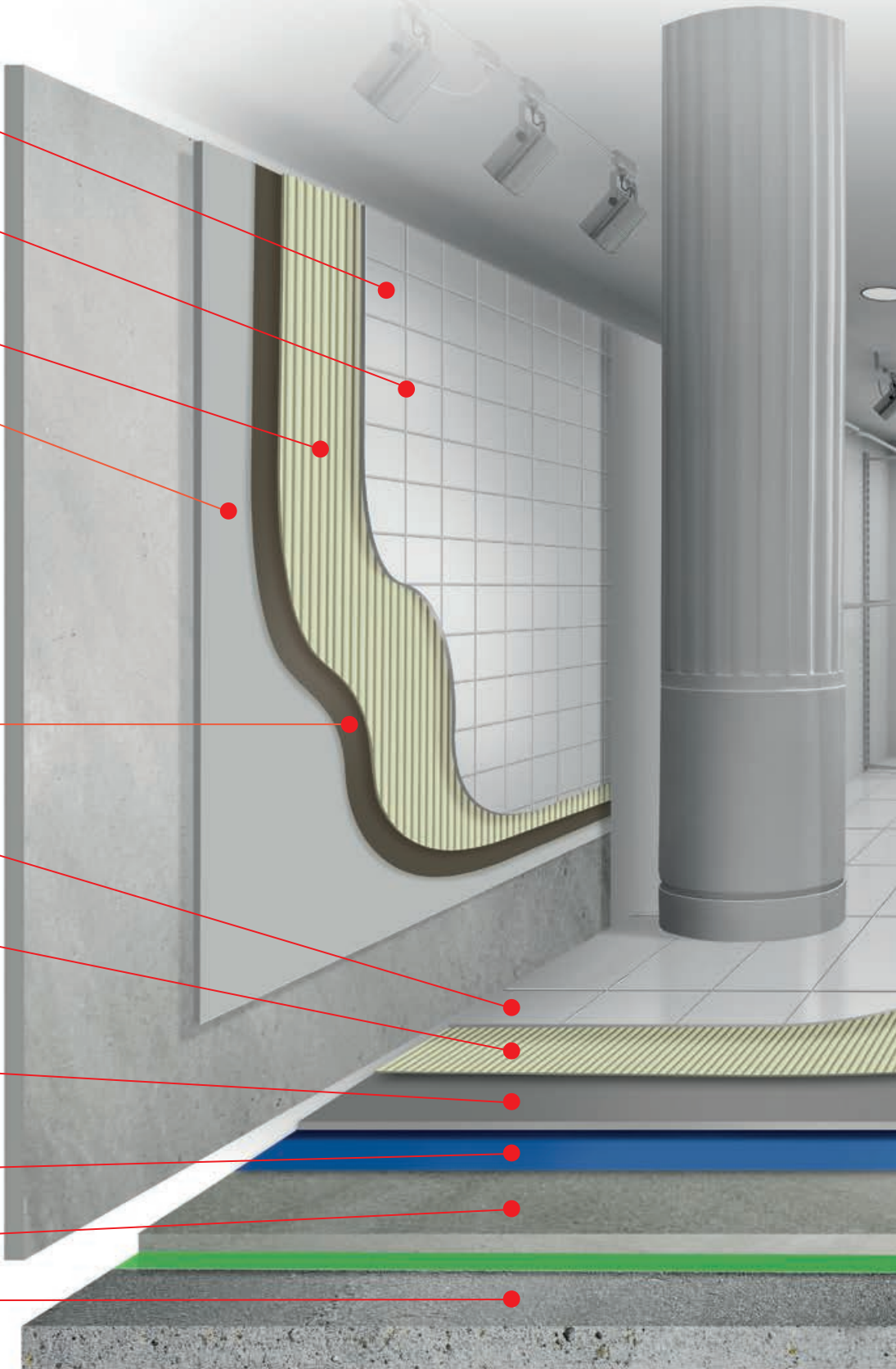
Floor Tile Adhesives

Levelling and Smoothing Compounds

Moisture Control

Screed Cements

Concrete





**Wall/Ceiling
Repair Mortars**

**Specialist
Wall/Ceiling
Plasters**

**Painted/Paper
Finish**

Floorcovering

**Floorcovering
Adhesives**

**Floor Repair
Mortars**

**Moisture
Control**

Concrete

Bonding Agents

Case Studies

KING'S CROSS RAILWAY STATION
LONDON

4,300m²

of screeding, tiling and grouting was installed in the new state-of-the-art ticket hall. Taking advantage of ARDEX's unique RAPIDDRY FORMULA Technology, ARDEX A 35 Screed Cement was laid to 85mm and was ready for tiling in just 24 hours.

Products used: ARDEX A 35, ARDEX S 21, ARDEX-FLEX FL

Contractor: DMC Contracts Ltd





**SELFRIDGES FOODHALL
LONDON**

Over
**200 million
visitors**

visit Selfridges every year. So when the iconic foodhall needed renovating, only ARDEX products could achieve the speed and reliability needed for this high footfall environment which had to be ready for the public every morning.

Products used: ARDEX A 38, ARDEX A 46, ARDITEX NA, ARDEX DPM 1 C

Contractor: Henny Limited

ARDEX Support



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For the latest technical information on ARDEX products including technical data sheets, health and safety data sheets and product coverage calculators, please visit the ARDEX website at www.ardex.co.uk

TECHNICAL HELPLINE

The ARDEX Technical Services Department is available to answer any technical questions between 08:30 and 17:00 GMT Monday to Friday.

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ARDEX TRAINING

ARDEX offer a range of demonstrations and seminars that can be tailored to your specific needs. Courses can either be taken at the ARDEX Training Academy in Haverhill, Suffolk, 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 tiling industry. This allows our courses to remain accurate and up-to-date, covering the latest information, technological advances and industry regulations.

To find out more, please contact our Technical Services Department on **01440 714939**.

ARDEX CPD ACADEMY

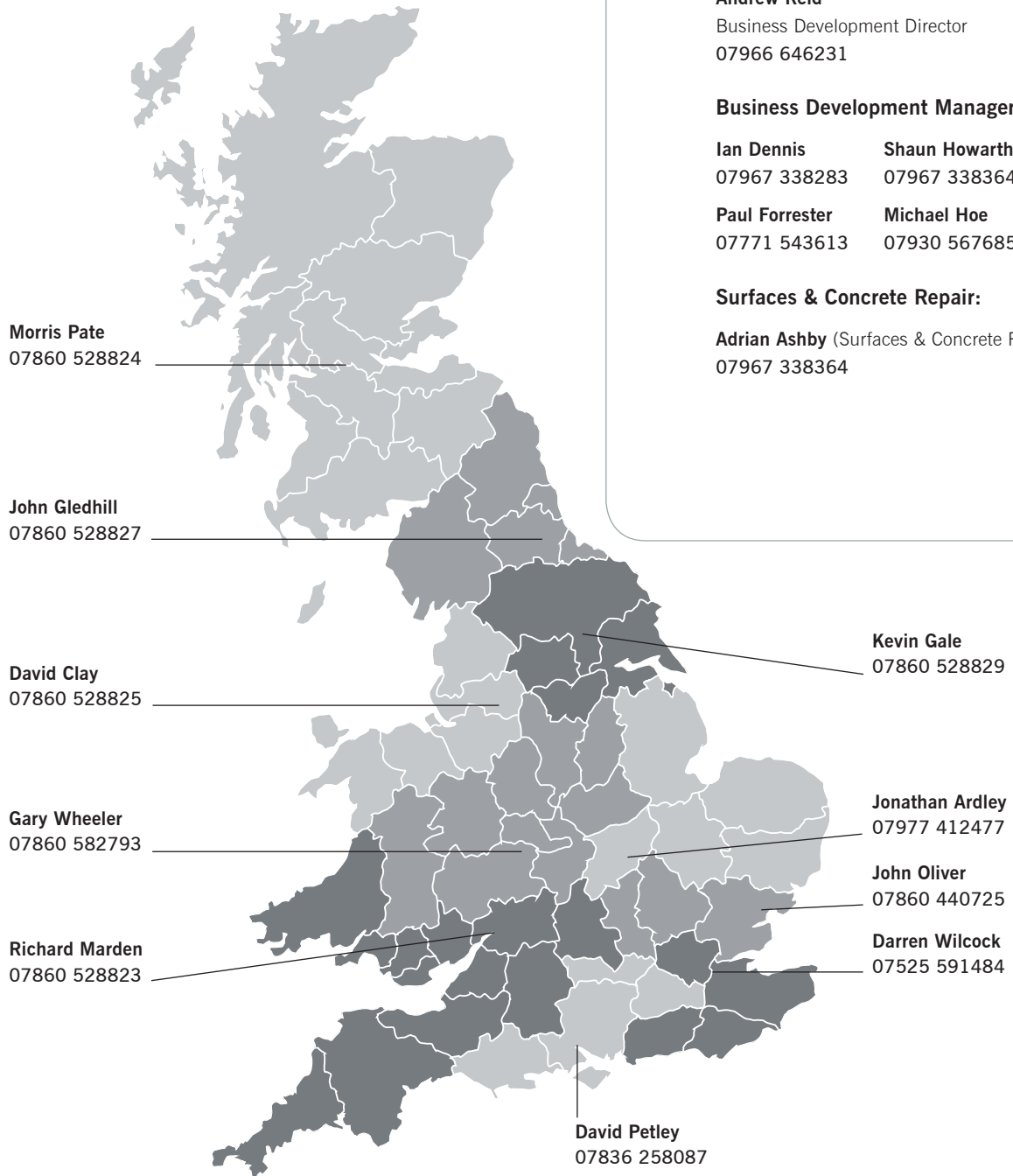
The ARDEX CPD Academy offers a number of RIBA approved CPD seminars which not only provide guidance on best practice for tiling, but also allow you to earn CPD points. Our seminars below can be taken online at www.ardexcpdacademy.com

ARDEX RIBA Approved CPD seminars

- Specify Screeding, Levelling & Sub-floor Preparation with Confidence
- Specifying Wall & Floor Tiling with Confidence
- Specifying Natural Stone Floor & Wall Tiling with Confidence
- Specifying Tiling in Swimming Pools and Leisure Centres with Confidence
- Specify Underfloor Heating with Confidence
- Specify Wet Room Tiling with Confidence



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