



# 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.

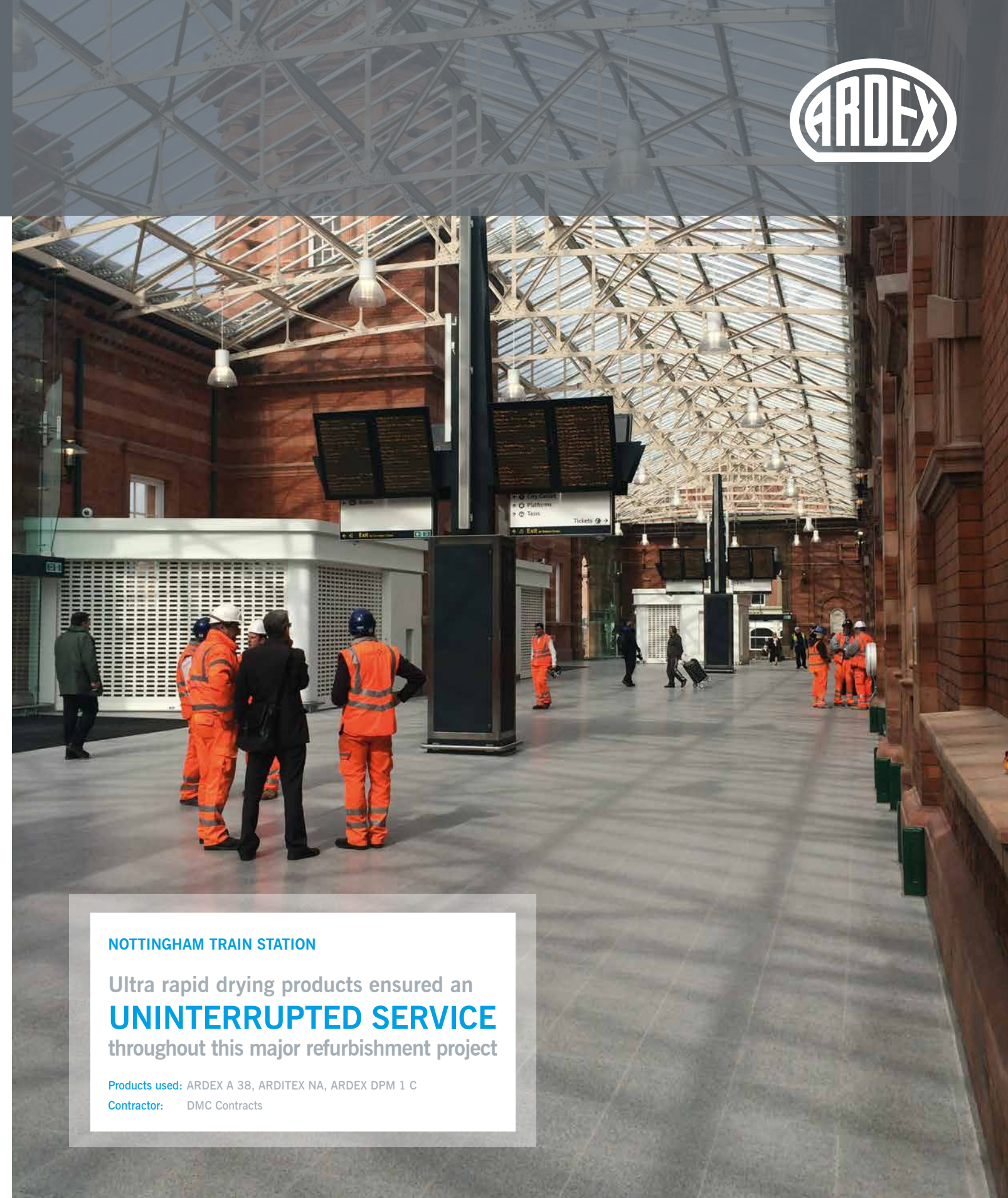
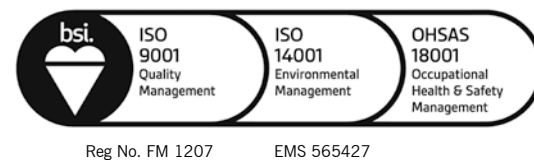
## The Experts in Fast Track Screeding

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

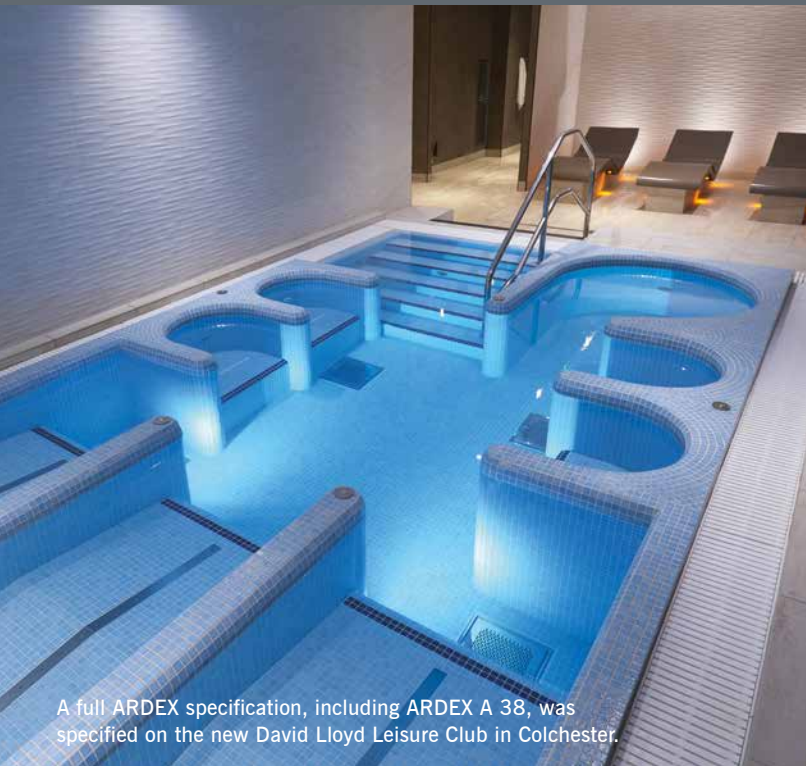
Ultra rapid drying products ensured an  
**UNINTERRUPTED SERVICE**  
throughout this major refurbishment project

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 4,300m<sup>2</sup> 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

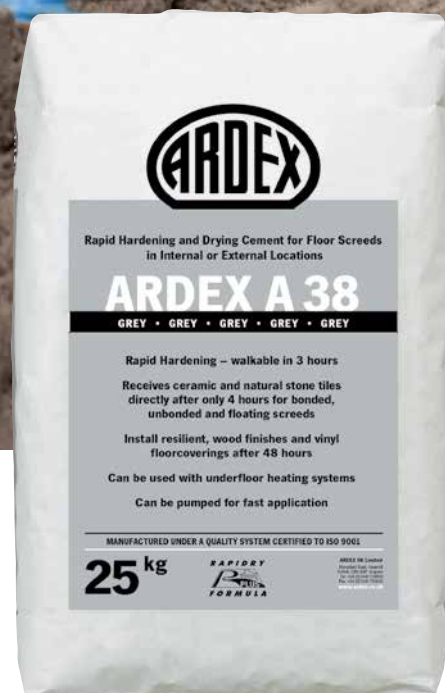


	External		Internal	
	ARDEX A 38	ARDEX A 29	ARDEX A 35	ARDEX A 70 GYPFLO
				
	Ultra Rapid Drying Cement for Internal & External Screeds	Rapid Drying Cement for Internal and External Screeds	Ultra Rapid Drying Cement for Internal Screeds	Quick Drying Flowable Calcium Sulphate Screed
Working Time	60 Mins	90 Mins	60 Mins	120 Mins
Walkable	3 hours	8 hours	3 hours	6 hours
Tile	4 hours	24 hours	24 hours	14 days
Natural Stone	4 hours	7 days	24 hours	14 days
Carpet, Vinyl & Wood	48 hours	7 days	24 hours	14 days
BRE Screed Test	6 hours	24 hours	6 hours	36 hours
Commission UFH	3 days	7 days	3 days	3 days
Cement/Sand Ratio	1:5	1:7	1:4/1:5	Pre-mixed
Consumption per m <sup>2</sup> /mm	0.31kg	0.27kg	0.31kg @1:5	1.8kg
Wet Areas	✓	✓	—	—
Pumpable	✓	✓	✓	✓
Available Pre-Blended	✓ (ARDEX A 38 MIX)	—	✓ (ARDEX A 35 MIX)	✓



# ARDEX A 38

Ultra Rapid Drying Cement for Internal & External Screeds



## FIX CERAMIC AND NATURAL STONE TILES AFTER ONLY 4 HOURS

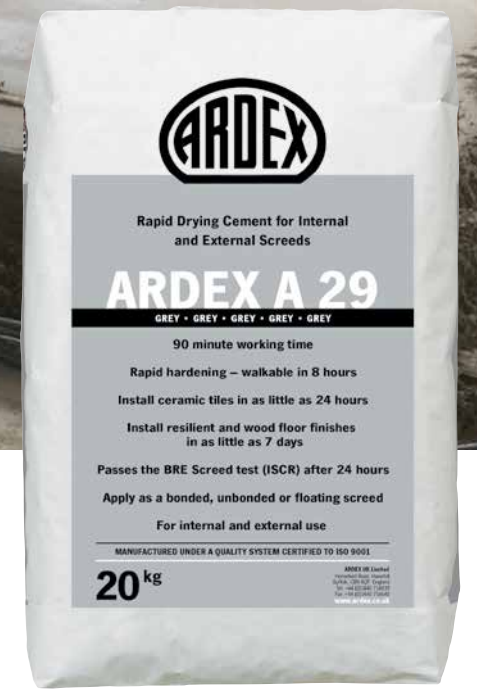
Walkable in only 3 hours, receives ceramic or stone tiles from 4 hours and resilient floorcoverings from just 48 hours. For both internal and external locations. Ideal for when fast turnarounds are needed.

<b>Depths:</b>	Bonded Screed:	15-40mm
	Unbonded screeds:	50mm+
	Floating screeds:	75mm+ or 65mm+ in lightly loaded/domestic locations.
<b>Unit Size:</b>	25kg Bags	
<b>Coverage:</b>	Approximately 5.3m <sup>2</sup> at 15mm thick per 25kg unit at 1:5	



# ARDEX A 29

Rapid Drying Cement for Internal and External Screeds



## WORKABILITY, SPEED AND PERFORMANCE AT A 1:7 MIX

ARDEX A 29 offers a reliable and economical 1:7 mix screed that is fast enough to accept tiling in 24 hours, and vinyl and wood coverings in just 7 days. It also boasts an extended 90 minute working time to greatly improve the installation process.

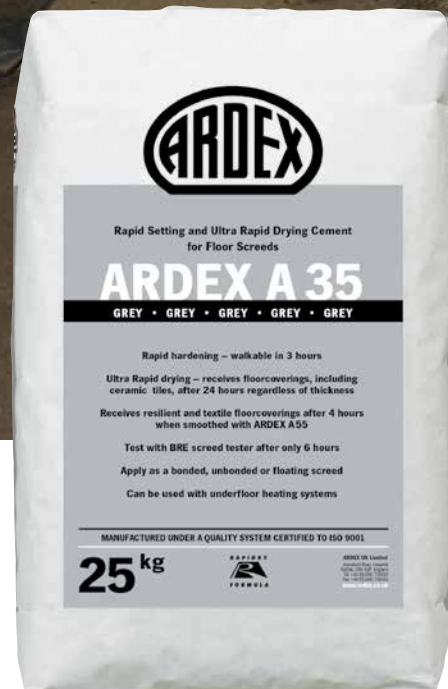
<b>Depths:</b>	Bonded Screed:	20-40mm
	Unbonded screeds:	50mm+
	Floating screeds:	75mm+ or 65mm+ in lightly loaded/domestic locations.
<b>Unit Size:</b>	20kg Bags	
<b>Coverage:</b>	Approximately 3.7m <sup>2</sup> at 20mm thick per 20kg unit at 1:7	





# ARDEX A 35

Ultra Rapid Drying Cement for Internal Screeds



**RECEIVES RESILIENT  
FLOOR COVERINGS IN  
JUST 4 HOURS**

Ultra rapid internal screed that, when used in conjunction with ARDEX A 55 Ultra Rapid Hardening and Drying Levelling Compound, can receive carpet, wood, or vinyl floorcoverings in as little as 4 hours.

**RAPID DRY  
FORMULA**



<b>Depths:</b>	Bonded Screed:	15-40mm
	Unbonded screeds:	50mm+
	Floating screeds:	75mm+ or 65mm+ in lightly loaded/domestic locations.
<b>Unit Size:</b>	25kg Bags	
<b>Coverage:</b>	Approximately 5.3m <sup>2</sup> at 15mm thick per 25kg unit at 1:5	

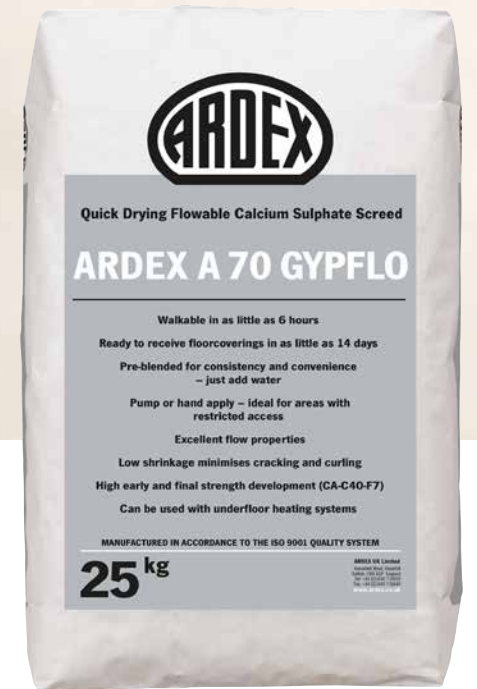
# ARDEX A 70 GYPFLO

Quick Drying Flowable Calcium Sulphate Screed



**FLOWABLE SCREED  
THAT DRIES IN AS  
LITTLE AS 14 DAYS**

Once installed, an ARDEX A 70 GYPFLO screed is walkable after only 6 hours, and is ready to receive floorcoverings after just 14 days. Supplied, premixed in 25kg bags, it's ideal for smaller projects or areas with restricted access.



<b>Depths:</b>	Unbonded screeds:	30mm+ Domestic 40mm+ Commercial
	Floating screeds:	35mm+ Domestic 45mm+ Commercial
<b>Unit Size:</b>	25kg Bags	
<b>Coverage:</b>	Approximately 0.4m <sup>2</sup> at 35mm thick per 25kg unit	





## 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 resilient floorcoverings after just 4 hours when smoothed with ARDEX A55



## 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.

- Colour change helps prevent applying screed cements into dry bonding slurries
- Ideal for bonded screeds and daywork joints
- 60 minute pot life
- For internal and external use



DRY WET



## 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 ARDURAPID A 45

**Rapid Drying Internal Repair Mortar**

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

- Priming rarely required
- Receives floorcoverings in as little as 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

View the full ARDEX Bonding Agent Range at [www.ardex.co.uk](http://www.ardex.co.uk)



ARDEX P 51  
Concentrated  
Water-Based Bonding  
Agent and Primer

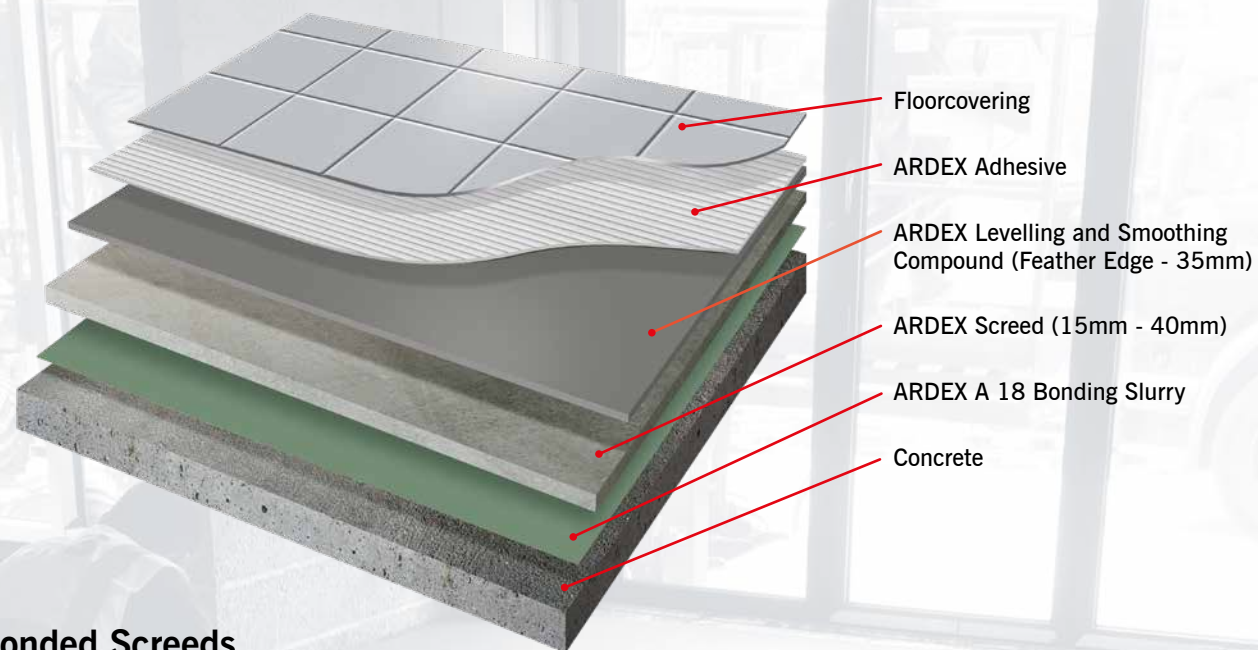


ARDEX E 100  
Additive for  
Bonding/Slurry Grouts

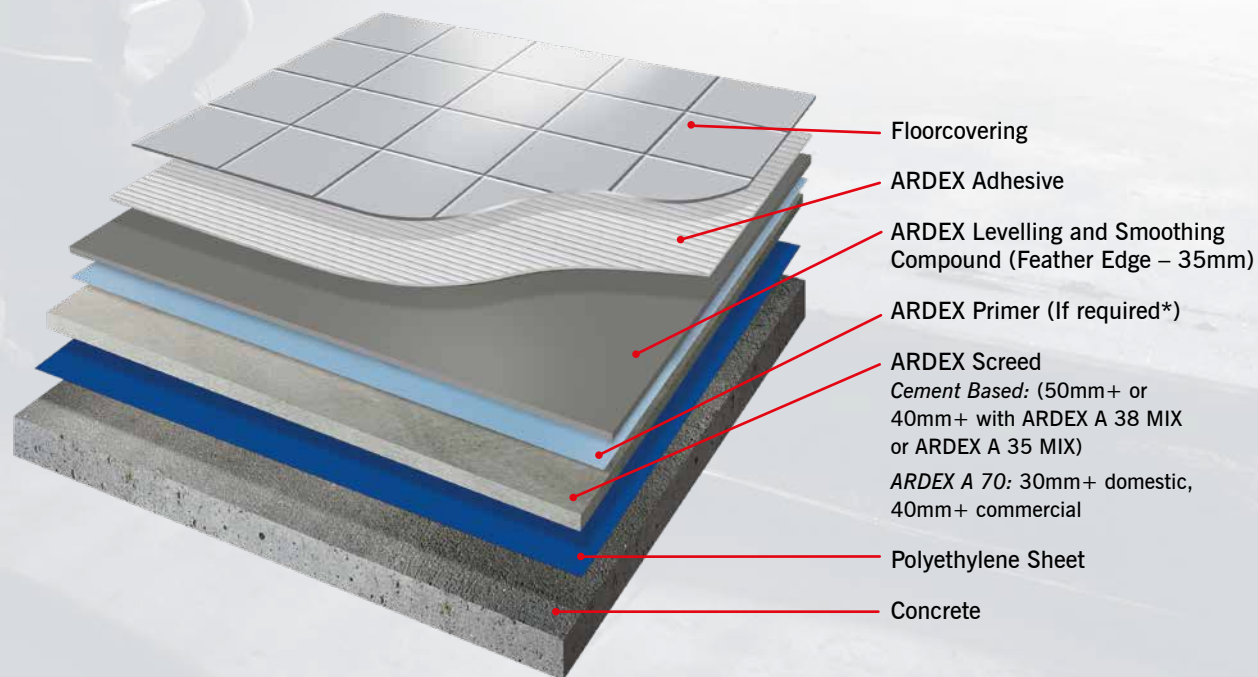


# ARDEX System Specification Diagrams

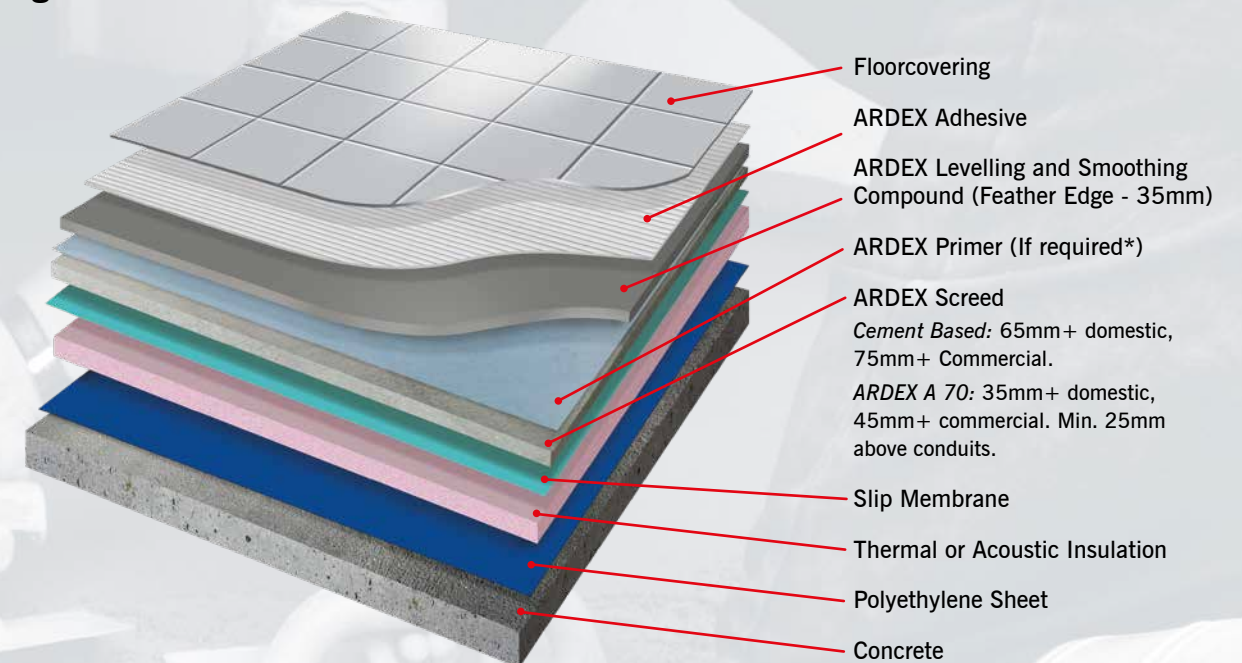
## Bonded Screeds



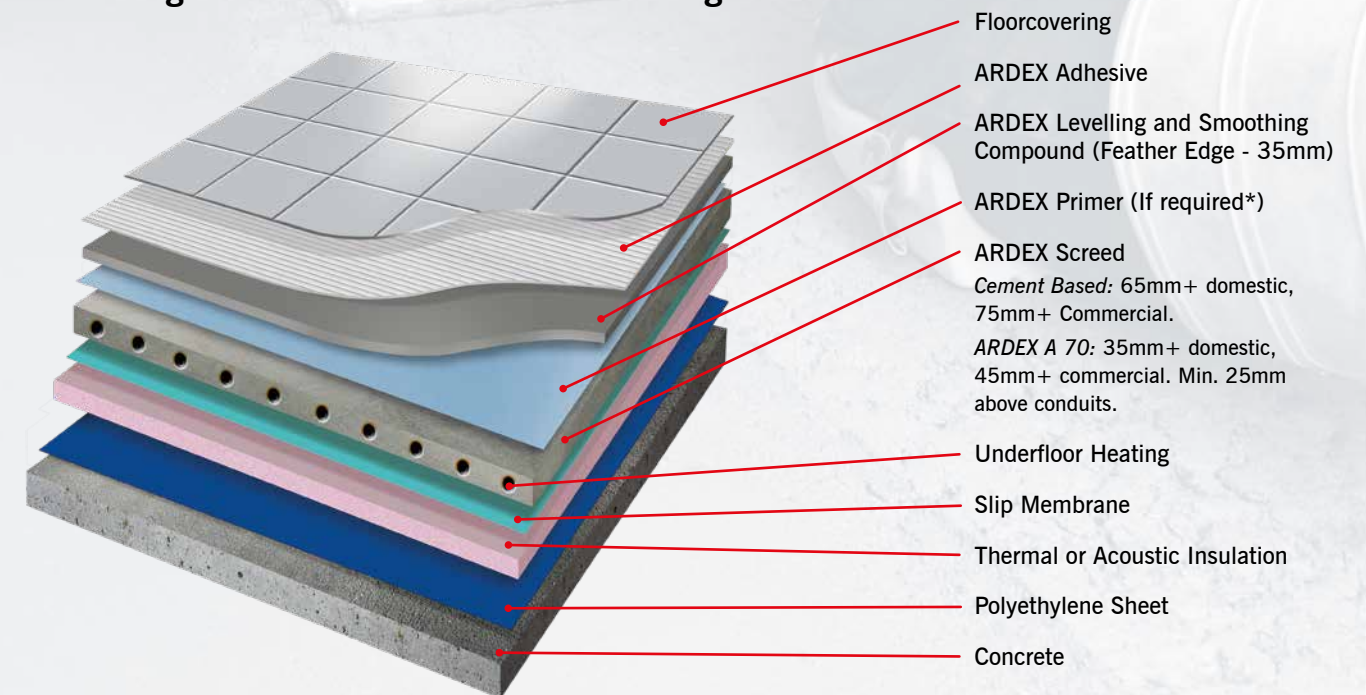
## Unbonded Screeds



## Floating Screeds



## Floating Screeds with Underfloor Heating



\* view screed data sheet for details



# TECHNICAL SUPPORT

ARDEX don't just manufacture High Performance Building products, we recognise the importance of providing gold standard technical advice and support. We understand your needs differ from project to project, and can often require on-site support, which is why we offer a more mobile, local technical support network.



## TECHNICAL ADVICE

We're on hand to offer advice and product recommendations, in line with British Standards codes of practice, via telephone, email, video call and our social media channels.



## SITE SUPPORT

Our highly experienced Technical Service team are available to attend your site, offering site assessments, advice and guidance on the best use of our products and systems for your project.



## MOISTURE TESTS

Many problems which occur on site are the result of moisture in the subfloor, so it's essential that the final floorcovering is protected from the passage of moisture from below. Our team can perform on-site Hygrometer tests, explain the results and recommend the best moisture control system for your installation.

We're also on hand to perform additional site tests such as the BRE Screed Test, which is designed to measure the soundness of a sand/cement floor screed.



## SPECIFICATION WRITING

We work closely with architects, specifiers, contractors and floorcovering manufacturers to ensure the most suitable specification for your project. When specifying ARDEX you can rely on our expert team for on-going support at every stage of your project, including a rapid response to specification writing.



## TRAINING

ARDEX offer a range of courses at our purpose built Academies in Suffolk and Stoke-on-Trent. Alternatively we can tailor training to meet your specific needs and deliver it at a location of your choice.

FOR FURTHER INFORMATION ON COURSE CONTENT  
AND TO ACCESS OUR ONLINE BOOKING SYSTEM  
PLEASE VISIT **[WWW.ARDEX.CO.UK/TRAINING](http://WWW.ARDEX.CO.UK/TRAINING)**



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ARDEX UK









KING'S CROSS RAILWAY STATION  
LONDON

**4,300m<sup>2</sup>**

of screeding, tiling and grouting was installed in the new state-of-the-art ticket hall. Taking advantage of ARDEX's unique RAPIDRY 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 Limited



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





BUTLINS  
BOGNOR REGIS

## 2.4 million

tiles used for the new, state-of-the-art swimming pool complex to delight visitors of all ages. PWP Architects required high performance, tried and tested product systems to provide a world class holiday resort.

**Products used:** ARDEX A 38, ARDEX A 29, ARDEX WPC, ARDEX X 7, ARDEX-FLEX GROUTS, ARDEX S 21 ARDEX A 46, ARDEX F 5, ARDEX AM 100, ARDEX S 7 Plus, ARDEX WPM 200, ARDEX X 77

**Contractor:** Dyson Briggs



BURJ KHALIFA TOWER & SHOPPING MALL  
DUBAI, UEA

## 100,000m<sup>2</sup>

of ARDEX levelling, screeding and tiling products were used in 186 floors of the Burj tower and Burj shopping centre. Resulting in the largest volume of product used for one project in the company's history.

**Products used:** ARDEX A 35, ARDITEX NA, ARDEX MG, ARDEX N 23 W

**Contractor:** Dutco Balfour Beatty LLC  
Al Ghandi & Consolidated Contractors





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