



Walkable after
3 hours



Install floorcoverings
after 4 hours



Fast Track Screeding Range

**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.**



The Experts in Fast Track Screeding

Our company's heritage dates back more than 50 years and, as a global manufacturer of fast track construction products, ARDEX has remained at the forefront of the UK screeding industry.

With enhanced performance properties, our fast track screed cements can be walked on in just 3 hours and facilitate the early laying of floorcoverings, allowing projects to be completed in the shortest time possible. As a result, our products have been specified on many prestigious projects where minimal disruption and fast track completion was

vital; including The Savoy Hotel, Selfridges department store and King's Cross St. Pancras underground station.

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

This brochure contains information on the essential ARDEX products for screeding. For further information on the full ARDEX range visit **www.ardex.co.uk**

ARDEX Specification Support at Every Stage

When specifying ARDEX products, you can rely on our expert team for ongoing support at every stage of the process, from rapid response to specification writing, to installation visits and on-site testing. In addition, our purpose-built training facility enables us to bring all parties involved in an ARDEX specification together, from the client through to the main or sub-contractors,

ensuring total confidence in the specification and subsequent on-site application.

National Building Specification clauses provide best practice, guidance and support for your specifications, and we regularly partner with complementary product manufacturers to provide project warranties.



Nottingham Train Station
with ARDEX A 38 Ultra Rapid Drying
Cement for Internal & External Screeds

ARDEX CPD Academy

ARDEX offer a number of RIBA approved CPD seminars to assist you in developing your skills, whilst also earning you CPD points. Our Screeding, Levelling and Subfloor Preparation seminar in particular allows screeding projects to be specified

with confidence and can either be delivered at your premises in person, or taken online at www.ardexcpdacademy.com



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 of the screeding industry, and practical on-site experience. 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 the **ARDEX Technical Services Department** on **01440 714939**.



Tollcross International Swimming Centre
– Commonwealth Games 2014
with ARDEX A 38 Ultra Rapid Drying
Cement for Internal & External Screeds

ARDEX Fast Track Cements for Screeds



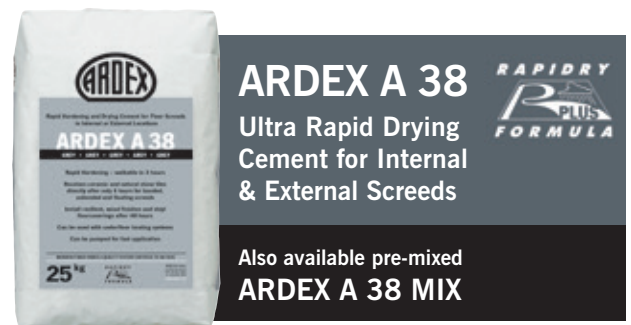
King's Cross St. Pancras Underground Station with ARDEX A 35 Ultra Rapid Drying Cement for Internal Screeds



The Need for Speed

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 domestic sector, where homeowners simply want their builds 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.



Walkable 3 hours

Fix ceramic or natural stone tiles 4 hours

Fit carpet, vinyl or wood floorcoverings 2 days

Commission under floor heating 3 days

BRE Screed Test after 6 hours

Mix proportions 1:5

Suitable for wet areas Yes

Pumpable Yes

Grouting slurry agent ARDEX P 51 or ARDEX E 100

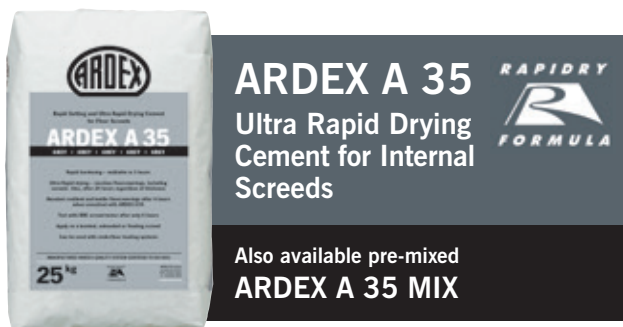


ARDEX: Rapid Drying, Rapid Strength, Minimum Shrinkage

ARDEX fast track cements for screeds incorporate 'RAPIDRY FORMULA' Technology, binding the water used for mixing within the cement, ensuring rapid drying, rapid strength development and minimum shrinkage, regardless of thickness.

With controlled shrinkage properties, ARDEX cements for screeds also minimise the risk of curling and cracking, even at thicker applications. This allows floorcoverings to be installed quickly and reliably, and ensures a faultless finish throughout the life of the screed.

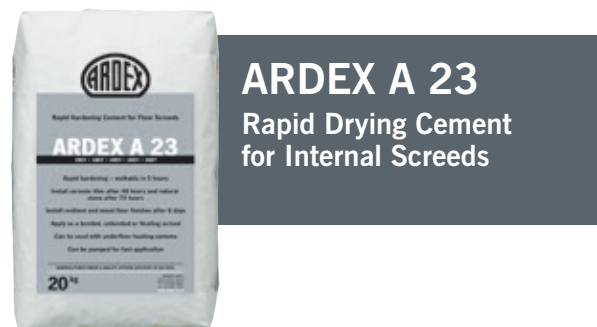
These unique properties perform under typical UK site conditions, allowing the area to be walked on in just hours, as opposed to traditional screeds which require a week as per BS 8204, and floorcoverings can be installed in as little as 4 hours. Furthermore, ARDEX screeds can pass a BRE Screed Test after just 6 hours, rather than 2 weeks with conventional screeds.



ARDEX A 35
Ultra Rapid Drying
Cement for Internal
Screeds



Also available pre-mixed
ARDEX A 35 MIX



ARDEX A 23
Rapid Drying Cement
for Internal Screeds

Walkable	3 hours
Fix ceramic or natural stone tiles	1 day
Fit carpet, vinyl or wood floorcoverings	1 day or 4 hours when levelled with ARDEX A 55
Commission under floor heating	3 days
BRE Screed Test after	6 hours
Mix proportions	1:5 or 1:4
Suitable for wet areas	No
Pumpable	Yes
Grouting slurry agent	ARDEX P 51

Walkable	8 hours
Fix ceramic tiles	2 days
Fix natural stone tiles	3 days
Fit carpet, vinyl or wood floorcoverings	6 days
Commission under floor heating	6 days
BRE Screed Test after	1 day
Mix proportions	1:7
Suitable for wet areas	No
Pumpable	Yes
Grouting slurry agent	ARDEX P 51

The Complete Fast Track System

Bonding Agents

ARDEX P 51 Concentrated Primer & Bonding Agent

Dilute and mix with ARDEX screed cements to produce a grouting slurry for bonded screeds in dry, internal locations.



ARDEX E 100 Additive for Bonding/Slurry Grouts

Mix with ARDEX A 38 or A 38 MIX to produce a grouting slurry for bonded screeds in external locations and wet areas.



Levelling & Smoothing Compounds

ARDITEX NA Ultra Rapid Setting Latex Subfloor Levelling & Smoothing Compound

Self-smoothing, latex levelling compound with excellent adhesion and moisture resistance. Apply over cement/sand screeds without priming, even when the screed is damp. Floorcoverings can be installed in as little as 3 hours. Suitable for use with heated screeds. Apply at thicknesses up to 30mm.



ARDEX A 55 Ultra Rapid Drying Self Smoothing Compound

Enhanced 'RAPIDRY FORMULA' compound levels prepared cement/sand screeds without priming. Ready to receive floorcoverings in as little as 60 minutes. When used immediately after applying ARDEX A 35 screed cement, the drying time for applying vinyl and textile floor coverings is reduced from 1 day to just 4 hours! Suitable for use with heated screeds. Apply at thicknesses up to 10mm.





Screed Repair & Renovation

ARDEX A 45 Rapid Drying & Hardening Internal Repair Mortar

Mortar for repairing localised surface cracks and holes and creating ramps and falls in internal locations. Apply from feather edge up to 50mm. Receives foot traffic and floorcoverings after 90 minutes, regardless of thickness.



ARDEX A 46 Rapid Setting & Hardening Mortar for Internal & External Repairs

For internal and external applications, ARDEX A 46 repairs localised surface cracks and holes, and creates ramps and falls. Apply from 2mm up to 50mm. Receives foot traffic in as little as 2 hours and floorcoverings in as little as 4 hours.



ARDEX EP 2000 Multi-Functional Epoxy Resin

Repair and filling system seals cracks in cement/sand screeds. Easy to mix formulation can be poured directly into cracks or applied with a roller to the surface. Once hardened, the resin is water, frost, weather and chemical resistant. Ready to receive loads and levelling and smoothing compounds after 24 hours.



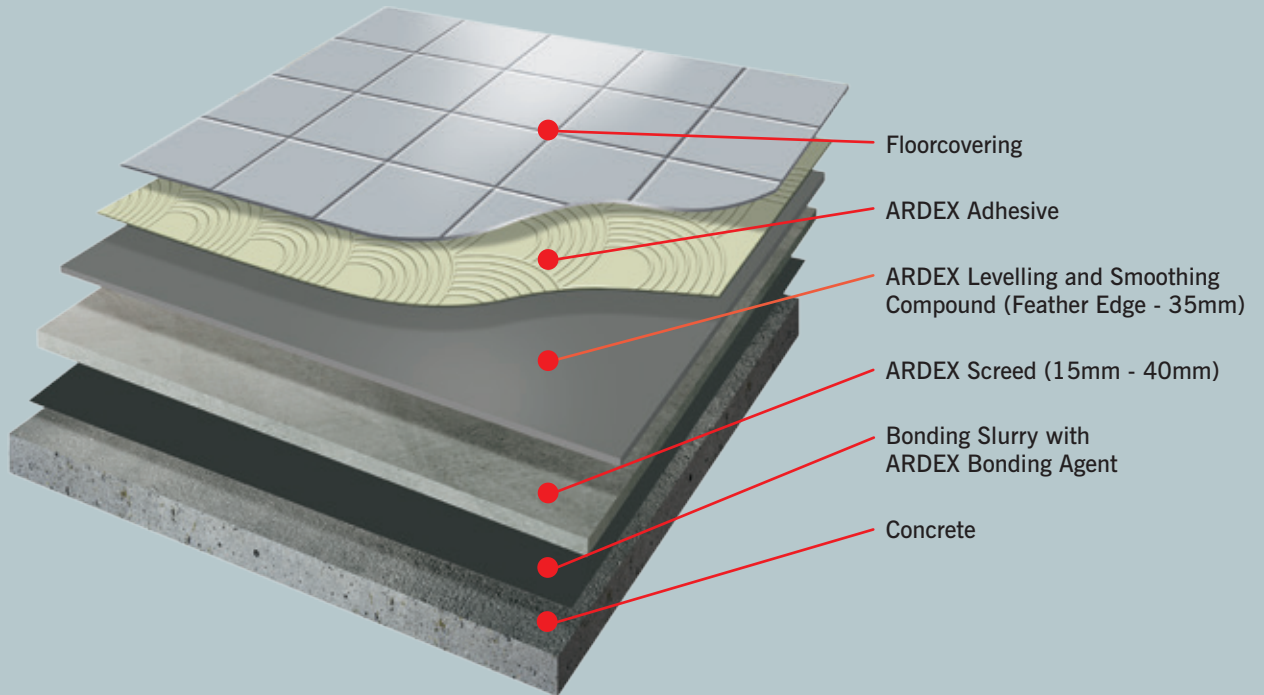
ARDEX PSRS Penetrating Screed Renovation System

Epoxy resin strengthens poorly compacted and low strength screeds that do not meet the required in-situ crushing resistance. Penetrating into the defective screed, ARDEX PSRS fills voids and consolidates loose particles to make a high strength screed that meets the requirements of Soundness Category A under BS 8204-1. Ready to receive loads and levelling and smoothing compounds in as little as 4 hours.

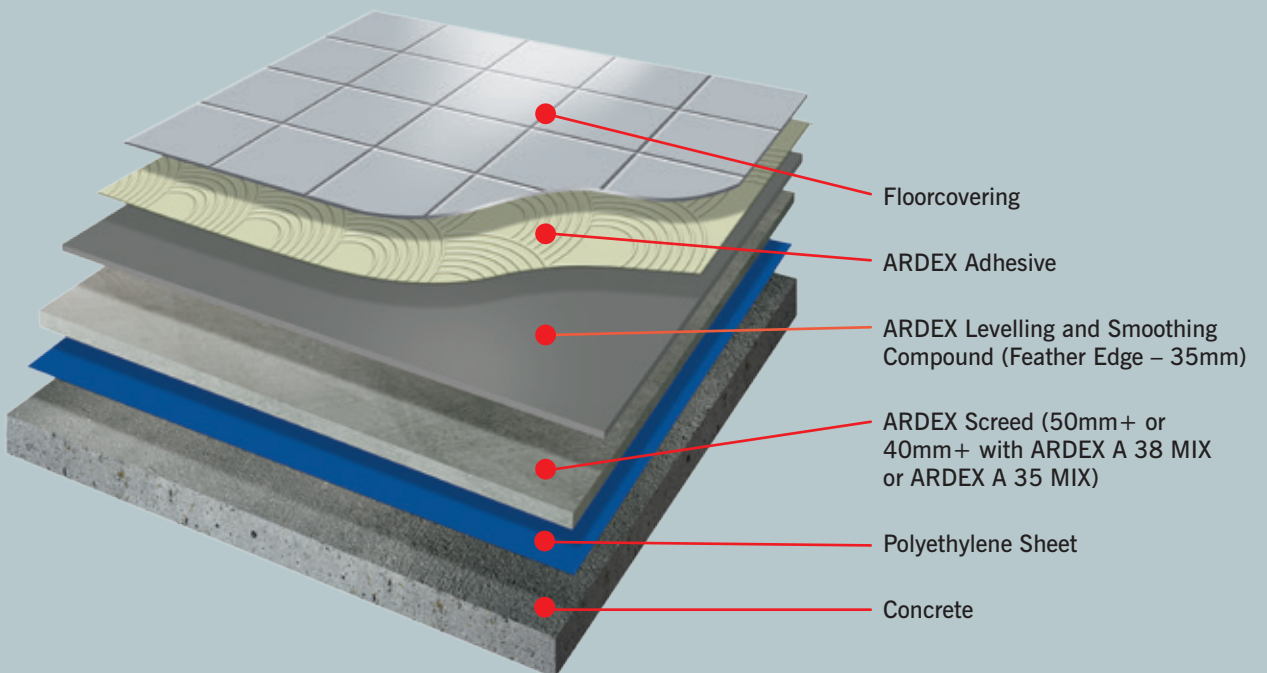


ARDEX System Specification Diagrams

Bonded Screeds

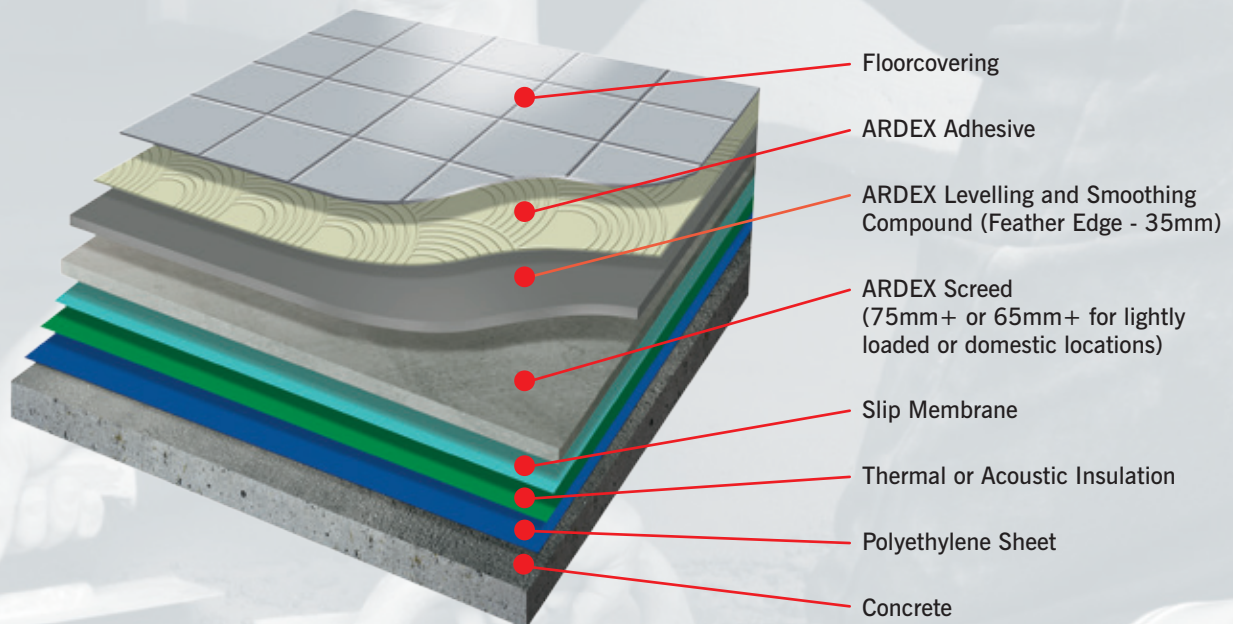


Unbonded Screeds

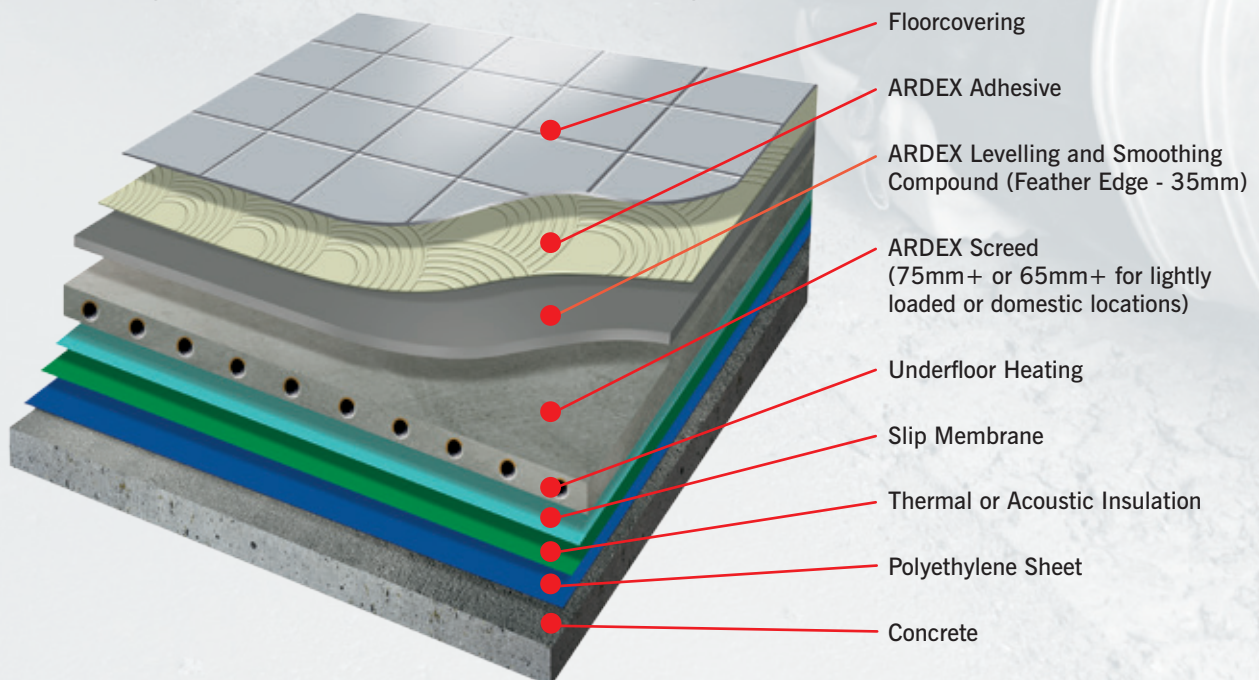




Floating Screeds



Floating Screeds with Underfloor Heating



Case Studies

King's Cross St Pancras Underground Station

ARDEX UK worked alongside DMC Rail Ltd of Tilbury, Essex to provide a 4,300m² screeding, tiling and grouting solution for the new, state-of-the-art Northern Ticket Hall at King's Cross St Pancras underground station.

The ticket hall required a durable, flat and smooth floor surface, which could receive the final floorcovering at the earliest possible opportunity.

ARDEX A 35 Ultra Rapid Drying Cement for Internal Screeds was laid at 85mm and allowed the site to be trafficked after 3 hours, and the subsequent fixing of

large format floor tiles to commence after just 24 hours, minimising down time. A wait of at least a month would have been required before a standard cement/sand screed would be hard and dry enough for further work to proceed.

Dave McCartney of DMC Rail Ltd said, "Teaming up with ARDEX to complete this prestigious project not only assured proven product performance, but we also benefited from their outstanding technical support which was consistently excellent throughout the project".





Selfridges Food Hall

Selfridges is regarded as one of the world's finest department stores. With over 200 million people visiting Oxford Street per year, its flagship store is inundated with customers. To maintain its service as an iconic London attraction, its Food Hall required a much needed update including the refurbishment of its floor.

Stone and floor contractor, Henny Ltd, were appointed to lead the project, which involved the removal and replacement of the existing vinyl flooring and moisture damaged screed. A variety of ARDEX products were specified, including ARDEX A 38 Ultra Rapid Drying Cement for Internal & External Screeds.

Matthew Pearson, Managing Director at Henny Ltd explains, "The entire refurbishment was completed swiftly within a tight time frame. This was only achievable due to the speed and reliability of ARDEX fast track products, essential when working in a live environment like Selfridges that has to be open and ready for the public each morning.

Matthew concluded, "Once again, we were delighted with not only the ARDEX products, but the technical support provided on-site by the ARDEX Business Development team."





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