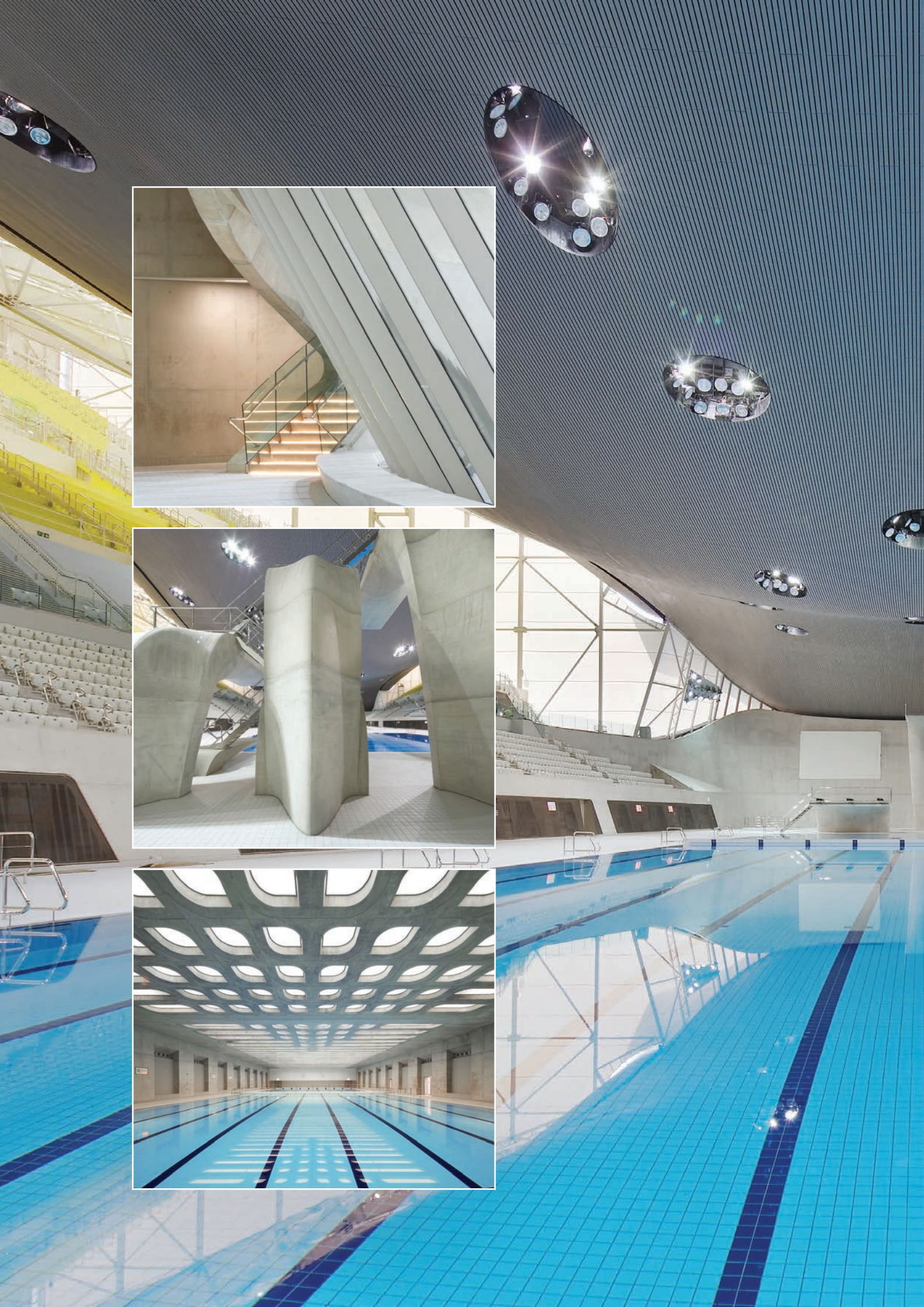


World-Class Tiling Solutions for Pool & Wet Leisure Installations



Rapid Drying Screed Cements & Renders | Waterproofing | Tile Adhesives | Tile Grouts & Silicones



LONDON AQUATICS CENTRE

866,000
tiles

were fixed in the London Aquatics Centre, which formed the gateway to the Olympic Park.

Products used:



WIDE JOINTS

The Experts in Swimming Pool & Wet Leisure Installations

Our company's heritage dates back more than 60 years and, as a global manufacturer of high-performance building materials, ARDEX has remained at the forefront of the UK professional tiling and flooring industries.

With an extensive range, our products are designed to work together as systems that not only fast-track installation times, but that also produce long-lasting, durable finishes.

Specification Support at Every Stage

You can rely on our expert team for ongoing support at every stage of the process, from specification writing and on-site testing through to rapid-response technical support and installation visits. National Building Specification clauses provide best practice, guidance and support for your specifications, and we regularly partner with complementary manufacturers to provide project warranties.

Solutions You Can Trust

ARDEX are active members of the Tile Association, and strive to promote professionalism, technical standards and best practice within the tiling industry; and with all of our products manufactured under a quality system certified to ISO 9001, 14001 and 18001, we produce systems you can trust.

Earn CPD points online
with our RIBA-Approved
**SPECIFYING TILING IN
SWIMMING POOLS &
LEISURE CENTRES**

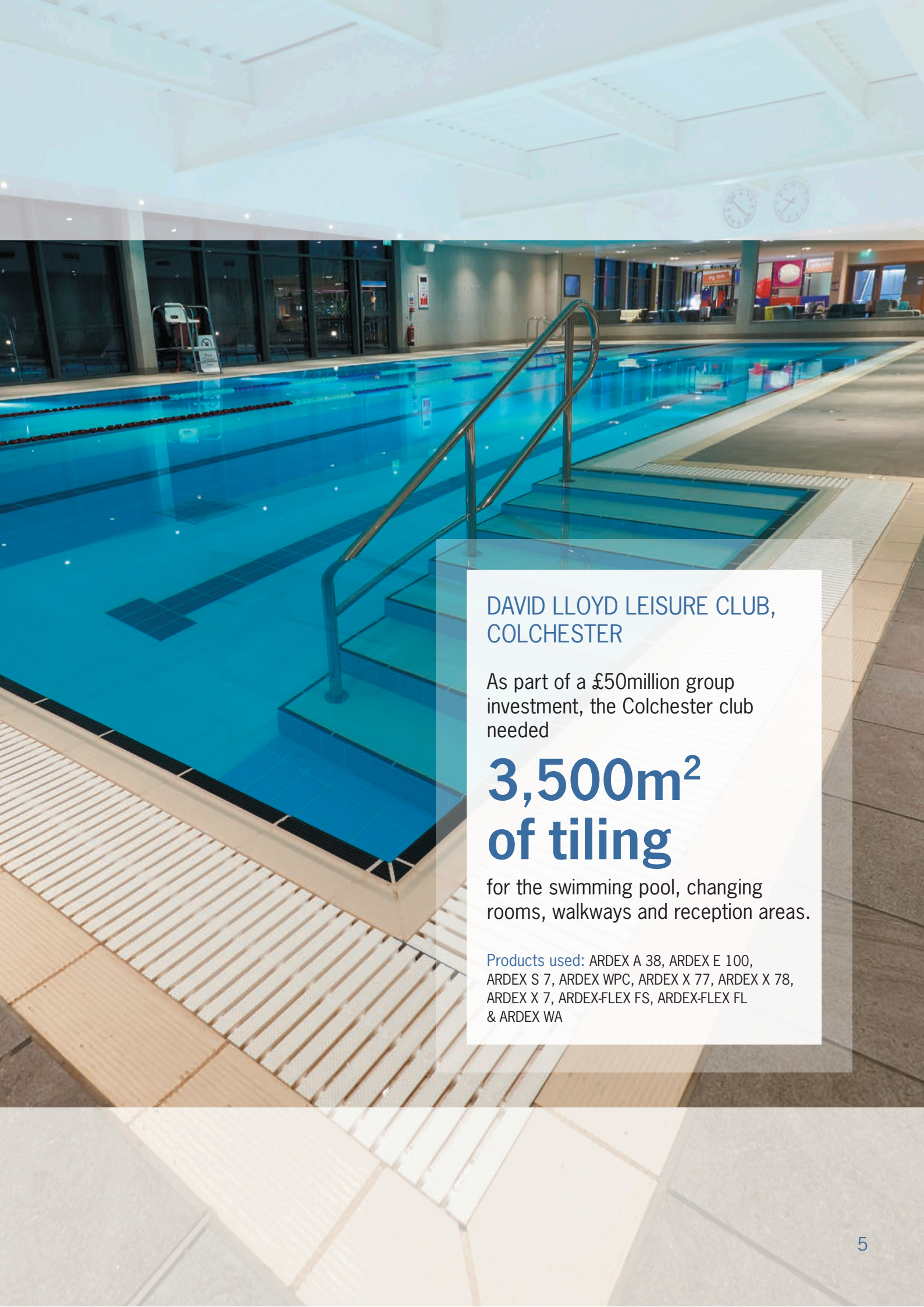
seminar at
www.ardex.co.uk



As a result, ARDEX has been specified on many prestigious projects, including the London Aquatics Centre for the 2012 Olympic Games as well as the Tollcross International Swimming Centre in Edinburgh for the 2014 Commonwealth Games.

Find out more about the projects we've been involved with at www.ardex.co.uk





DAVID LLOYD LEISURE CLUB, COLCHESTER

As part of a £50million group investment, the Colchester club needed

3,500m² of tiling

for the swimming pool, changing rooms, walkways and reception areas.

Products used: ARDEX A 38, ARDEX E 100, ARDEX S 7, ARDEX WPC, ARDEX X 77, ARDEX X 78, ARDEX X 7, ARDEX-FLEX FS, ARDEX-FLEX FL & ARDEX WA

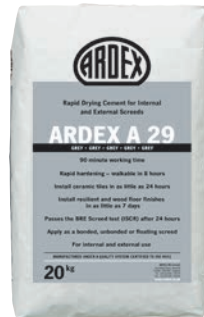
Preparation



ARDEX A 38

Ultra Rapid Drying Cement for Screeds

- Ideal for swimming pools
- Traffic after 3 hours
- Tile after 4 hours
- BRE Screed Test after 6 hours
- Suitable for internal and external areas, including wet and submerged locations



ARDEX A 29

Rapid Drying Cement for Screeds

- Ideal for swimming pool surrounds
- 90 minute working time
- Traffic after 8 hours
- Tile after 24 hours
- Economical 1:7 mix ratio
- Suitable for internal and external areas, including wet and submerged locations



ARDEX S 21

Rapid Set Floor Tile Bedding Mortar

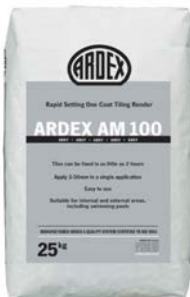
- Ideal for creating ramps and falls
- Apply up to 10mm thick neat, or up to 30mm with sand
- Tile after 3 hours
- Suitable for internal and external areas, including wet and submerged locations



ARDEX K 301

Self-Smoothing Levelling Compound

- Ideal for thinner smoothing and levelling (non-sloping) applications
- Apply 2-20mm thick
- Tile after 24 hours
- Suitable for internal and external areas, including wet and submerged locations



ARDEX AM 100

Rapid Set One Coat Tile Render

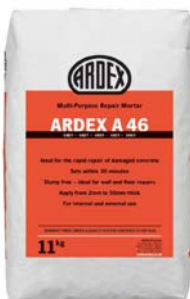
- Ideal for creating flat wall surfaces
- Apply 2-30mm thick
- Tile after 2 hours
- Suitable for internal and external areas, including wet and submerged locations



ARDEX AM 50 OCR

Standard-setting one-coat internal render

- Use for pool surrounds, changing areas and shower rooms
- One coat application
- Extended 4 hour pot life
- Use from 6mm to 20mm
- Pre-blended – just add water
- Tile after 24 hours

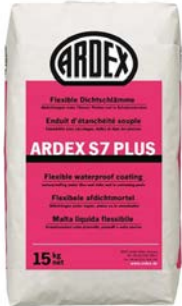


ARDEX A 46

Rapid Set Repair Mortar

- Ideal for making repairs and filling holes and gaps
- Apply 2-50mm thick
- Tile after 4 hours
- Suitable for internal and external areas, including wet and submerged locations

Waterproofing



ARDEX S 7 PLUS

Flexible Waterproof Coating
For Swimming Pools

- Ideal for tanking swimming pools
- Resists water pressures up to 5 Bar
- Tile 4 hours after the application of the second coat
- Suitable for internal and external areas, including wet and submerged locations

Use ARDEX S 7 PLUS with ARDEX SK Sealing Tapes



ARDEX SK 12



SK 270

SK 90



ARDEX WPC

Flexible Rapid Drying
Waterproof Coating for
Internal Wet Areas

- Ideal for swimming pool surrounds and showers
- Tile after 90 minutes
- Quick and easy to apply
- Suitable for internal wet (not submerged) areas

SK-F and SK-W - gasket tapes for pipes



SK-F



SK-W



ARDEX WPM 200

Epoxide Liquid
Waterproof Membrane

- Ideal for swimming pool drainage channels, plant rooms and balance tanks that do not require tiling
- Chemically resistant
- Resistant to the effects of moving water
- Suitable for internal and external areas, including wet and submerged locations

CA 20 P

Multi-Purpose Construction
Adhesive & Sealant

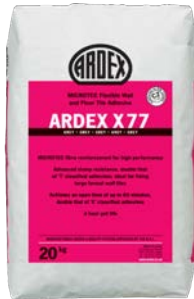
- Adheres virtually every building material
- High initial tack and bond strength
- Can be used underwater for minor repair applications
- Excellent resistance to AV, weather and ageing



ARDEX WPM TAPE

- Use with ARDEX WPM Waterproof Membrane
- Used to reinforce corner and joints
- Self-adhesive and easy to cut

Tile Adhesives



ARDEX X 77

MICROTEC Flexible Standard Set Tile Adhesive

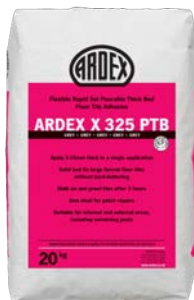
- MICROTEC fibre reinforced for enhanced adhesion and flexibility
- Fix any tile size without slipping
- Save time mixing with a 3 hour pot life and 60 minute open time
- High yield formula provides up to 40% more coverage than competitors*
- Suitable for internal and external areas, including wet and submerged locations



ARDEX X 78

MICROTEC Flexible Standard Set Semi-Pourable Floor Tile Adhesive

- MICROTEC fibre reinforced for enhanced adhesion and flexibility
- Semi-pourable consistency is ideal for solid bed fixing floor tiles
- Save time mixing with a 3 hour pot life and 60 minute open time
- High yield formulation provides up to 5.6m² coverage at 3mm thick
- Suitable for internal and external areas, including wet and submerged locations



ARDEX X 325 PTB

Pourable Thick Bed Floor Tile Adhesive

- Apply 3-25mm to level uneven floors and fix tiles in a single application
- Pourable consistency is ideal for solid bed fixing large format floor tiles without back-buttering
- Grout after just 3 hours
- Suitable for internal and external areas, including swimming pools



**Grout in 90 minutes with
ARDEX X 77 S and ARDEX X 78 S!**



ARDEX X 7

Flexible Standard Set Tile Adhesive

- Reduce waste with a 5 hour pot life
- Ideal for tile-on-tile applications with the addition of ARDEX E 90 Mortar Admix
- Suitable for internal areas, as well as submerged and external locations with the addition of ARDEX E 90 Mortar Admix



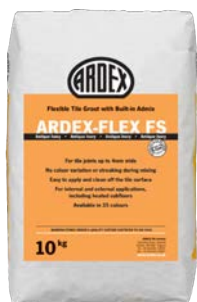
ARDEX X 60 PU FLEX

Polyurethane Reaction Resin Tile Adhesive

- Ideal for tiling onto fibreglass (GRP), as well as steel and PVC
- Easy to apply without special tools
- Suitable for internal and external areas, including wet and submerged locations

*Comparisons based on the coverage and mixing data of 20kg cement-based tile adhesives, as published on technical datasheets available on competitor websites.

Tile Grouts & Silicones



ARDEX-FLEX FS

Flexible Standard Set Tile Grout for Narrow Joints

- Ideal for joints up to 4mm wide
- Consistent, streak-free finish
- Water repellent and dirt resistant
- Suitable for internal and external areas, including wet and submerged locations



ARDEX-FLEX FL

Flexible Rapid Set Tile Grout for Wide Joints

- Ideal for joints 3-15mm wide
- Traffic after 90 minutes
- Consistent, streak-free finish
- Water repellent and dirt resistant
- Suitable for internal and external areas, including wet and submerged locations



ARDEX-FLEX Flexible Tile Grouts are available in 35 colours to suit any installation. Order colour samples online at www.ardex.co.uk



ARDEX EG 18 PLUS

Easy Application Epoxy Tile Grout

- Easy to apply without special tools
- Clean off up to 60 minutes after application
- Produces waterproof and chemically resistant joints
- Produces hygienic and durable joints for reduced maintenance
- Ideal for joints 2-12mm wide
- Available in 5 colours
- Suitable for internal and external areas, including wet and submerged locations



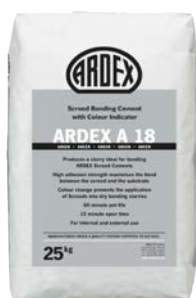
ARDEX ST

Neutral Cure Elastic Silicone Sealant

- Excellent resistance to weather, UV radiation and commonly used cleaning agents
- Contains fungicide to prevent the growth of fungi & moulds
- Suitable for internal and external areas, including wet (not submerged) locations

ARDEX ST Silicone Sealants are available in Transparent and 13 colours designed to complement ARDEX Tile Grouts

Bonding Agents & Admixes



ARDEX A 18

Screed Bonding Cement with Colour Indicator

- Produces a slurry ideal for bonding ARDEX Screed Cements
- High adhesion strength maximises the bond between the screed and the substrate
- Colour change indicates open time limit to prevent application into dry bonding slurries
- 60 minute pot life
- Suitable for internal and external areas, including wet and submerged locations



ARDEX E 90

Admix Improver for Cement-Based Tile Adhesives

- Use with ARDEX X 7 Flexible Standard Set Tile Adhesive when tiling externally and in swimming pools
- Suitable for internal and external areas, including wet and submerged locations



Tile Grouts & Silicones



Dry ARDEX A 18

Wet ARDEX A 18

Swimming Pool Tiling System Concrete Pool Shells

Pool Surrounds

**OPTION 1:
2 - 20MM**



ARDEX K 301
Self-Smoothing
Levelling Compound
(non-sloping
areas only)

**OPTION 2:
2 - 30MM**



ARDEX S 21
Rapid Set Floor Tile
Bedding Mortar

**OPTION 3:
15 - 50MM**



ARDEX A 29
Rapid Drying
Cement for Screeds

ARDEX A 18
Screed Bonding
Cement with
Colour
Indicator



**OPTION 1:
ARDEX X 78**
MICROTEC Flexible
Standard Set
Semi-Pourable
Floor Tile Adhesive



**OPTION 2:
ARDEX X 325
PTB**
Pourable Thick Bed
Floor Tile Adhesive



**ARDEX S 7
PLUS**
Flexible Waterproof
Coating for
Swimming Pools

Submerged Pool Locations



ARDEX AM 100
Rapid Set One Coat
Tiling Render



ARDEX X 77
MICROTEC Flexible
Standard Set Tile
Adhesive

Consult BS 5385-4 regarding timescales for stages of work and pool filling times.

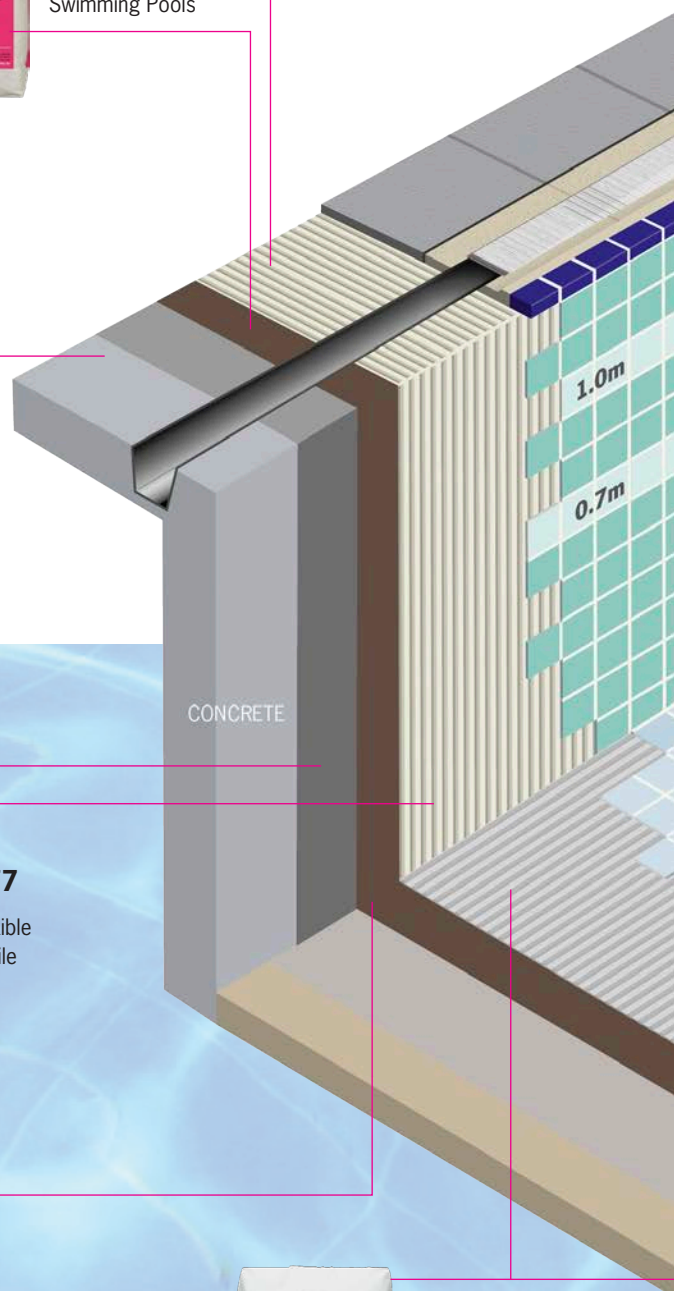
Consult the Pool Water Treatment Advisory Group website at www.pwttag.org.uk and follow their guidance on Swimming Pool Water for information on maintaining balanced pool water conditions.



ARDEX S 7 PLUS
Flexible Waterproof Coating
for Swimming Pools



**OPTION 1:
ARDEX X 78**
MICROTEC Flexible
Standard Set
Semi-Pourable
Floor Tile Adhesive



See page 16 and 17 for detailed drawings



ARDEX-FLEX FS

Flexible Standard Set Tile for Narrow Joint



ARDEX-FLEX FL

Flexible Rapid Set Tile Grout for Wide Joints



ARDEX EG 18 PLUS

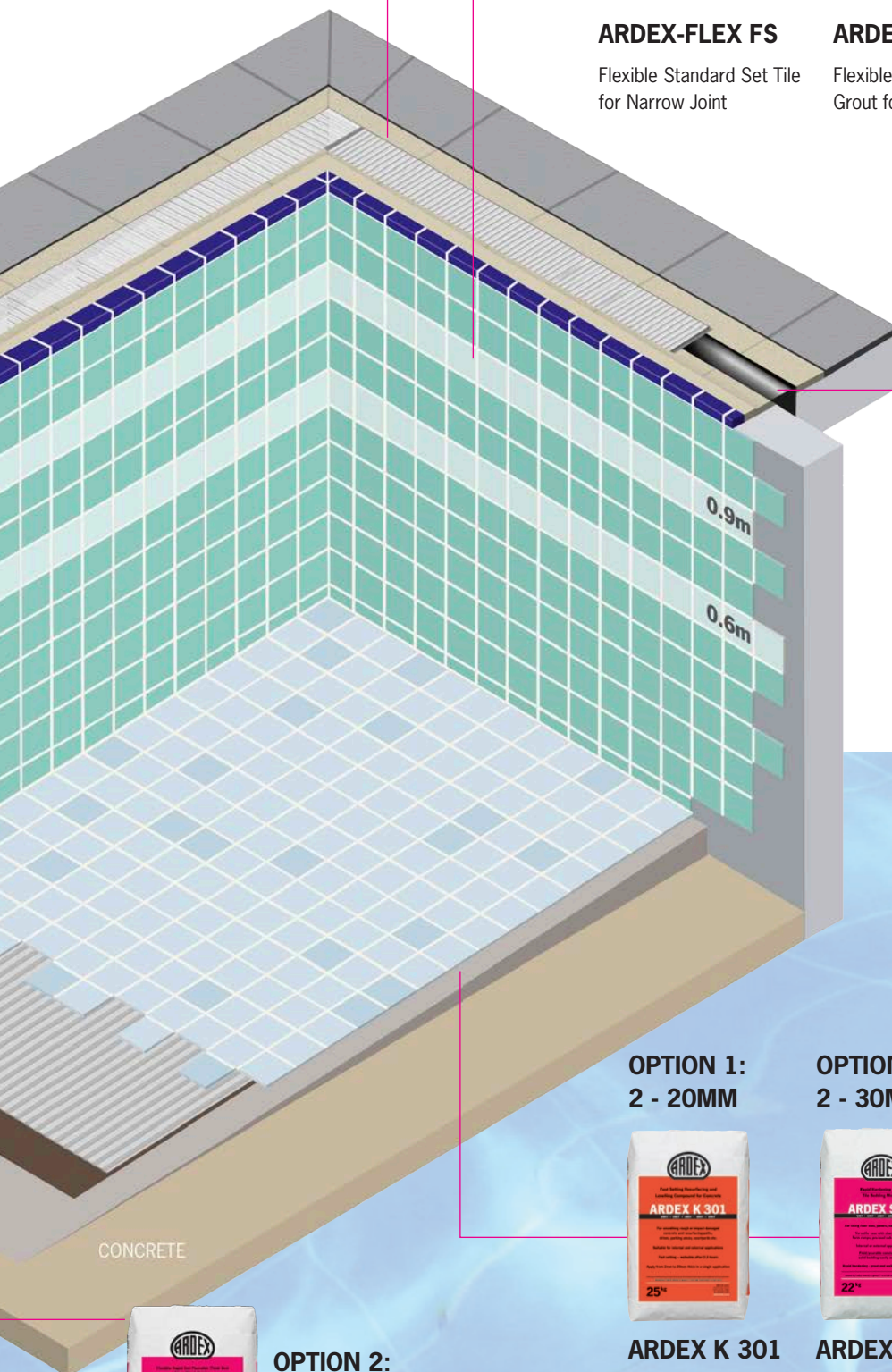
Easy Application Epoxy Tile Grout



See page 18 and 19 for ARDEX WPM schematics

ARDEX WPM 200

Epoxide Liquid Waterproof Membrane



OPTION 1:
2 - 20MM



ARDEX K 301

Self-Smoothing Levelling Compound (non-sloping areas only)

OPTION 2:
2 - 30MM



ARDEX S 21

Rapid Set Floor Tile Bedding Mortar

OPTION 3:
15 - 50MM



ARDEX A 38

Ultra Rapid Drying Cement for Screeds



ARDEX A 18

Screed Bonding Cement with Colour Indicator



OPTION 2: ARDEX X 325 PTB

Pourable Thick Bed Floor Tile Adhesive

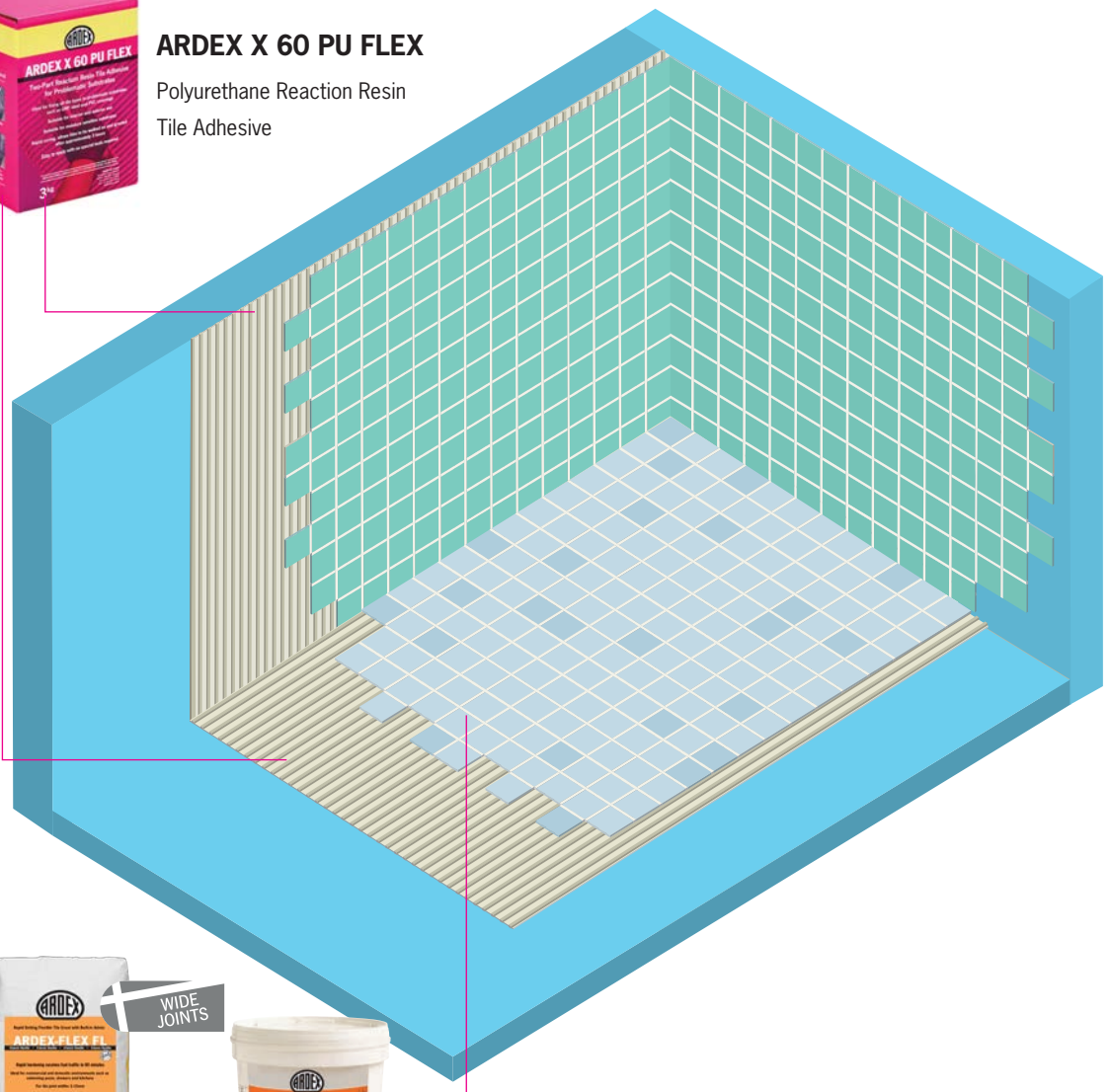
Swimming Pool Tiling System

Fibreglass Pool Shells



ARDEX X 60 PU FLEX

Polyurethane Reaction Resin
Tile Adhesive



ARDEX-FLEX FS

Flexible Standard Set Tile
Grout for Narrow Joints



ARDEX-FLEX FL

Flexible Rapid Set Tile
Grout for Wide Joints



ARDEX EG 18 PLUS

Easy Application Epoxy
Tile Grout

Changing Room & Wet Area Tiling System



ARDEX X 77

MICROTEC Flexible
Standard Set Tile
Adhesive



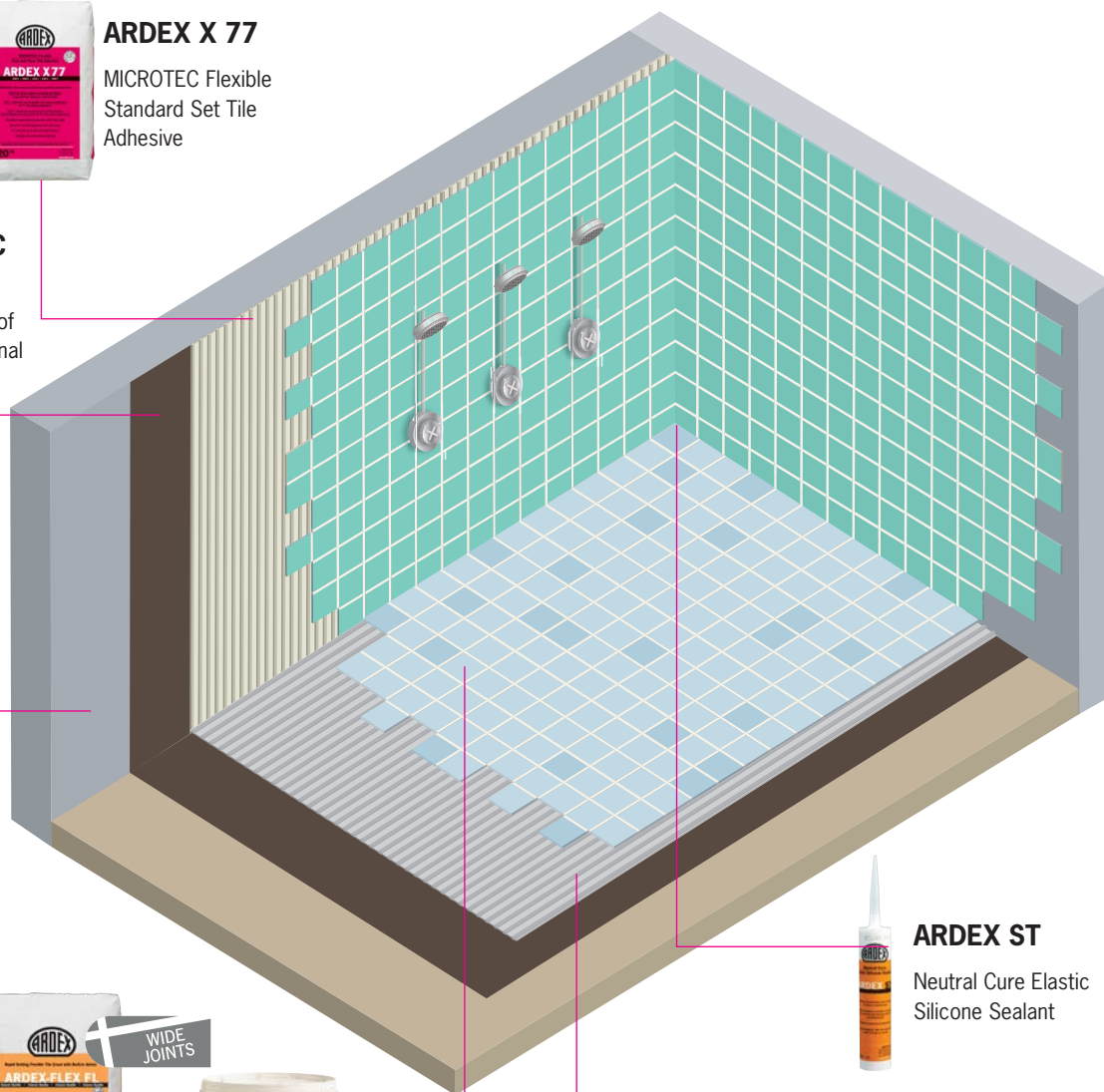
ARDEX WPC

Flexible Rapid
Drying Waterproof
Coating for Internal
Wet Areas



ARDEX AM 50 OCR

Standard-setting one-coat
internal render



ARDEX ST

Neutral Cure Elastic
Silicone Sealant



ARDEX-FLEX FS

Flexible Standard Set
Tile Grout for Narrow
Joints



ARDEX-FLEX FL

Flexible Rapid Set Tile
Grout for Wide Joints



ARDEX EG 18 PLUS

Easy Application Epoxy
Tile Grout



OPTION 1: ARDEX X 78

MICROTEC Flexible
Standard Set Semi-
Pourable Floor Tile
Adhesive

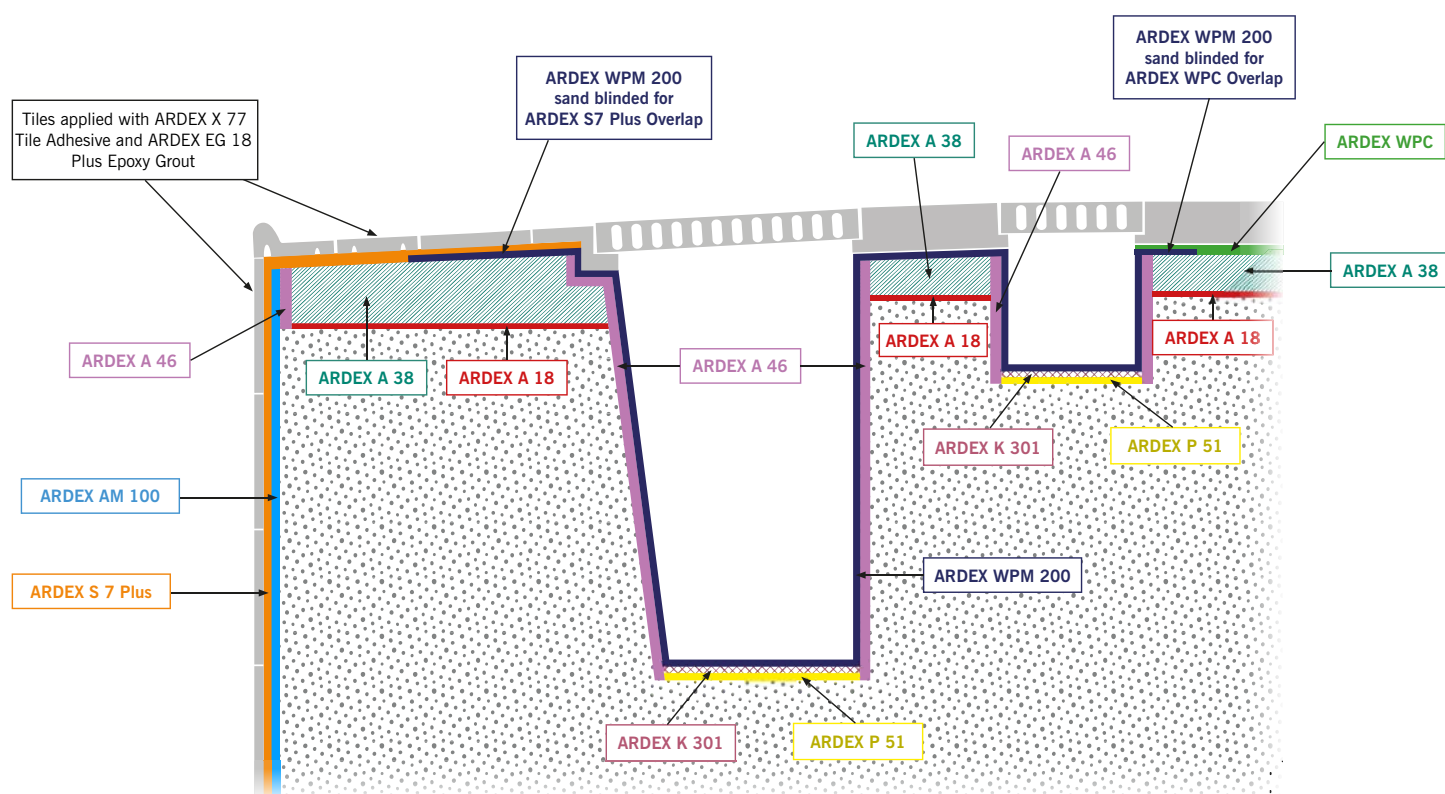


OPTION 2: ARDEX X 325 PTB

Pourable Thick Bed
Floor Tile Adhesive

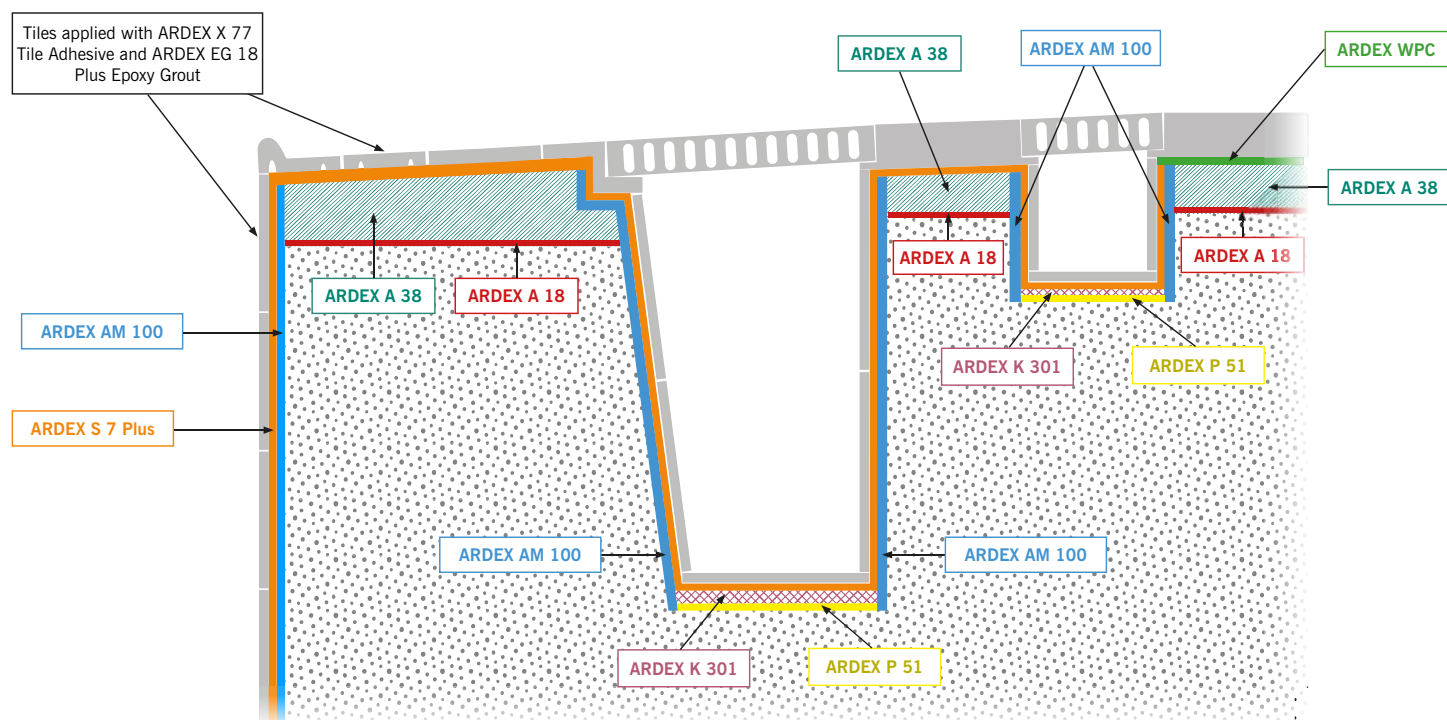
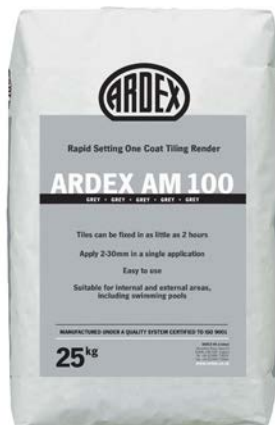
ARDEX Gutter System

GUTTER SYSTEM WITH ARDEX WPM 200



ARDEX Tiled Gutter System

TILED GUTTER SYSTEM WITH ARDEX AM 100

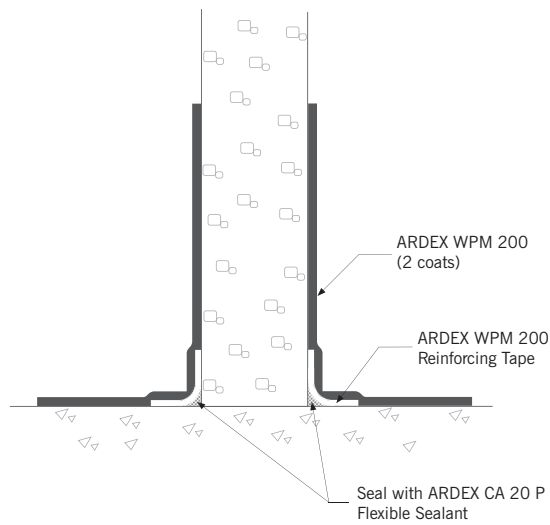


ARDEX WPM 200 Wall to Floor Detail Schematic

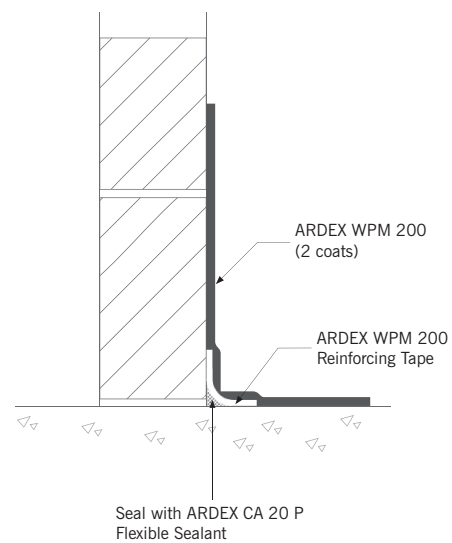
ARDEX WPM 200 EPOXIDE LIQUID WATERPROOF MEMBRANE



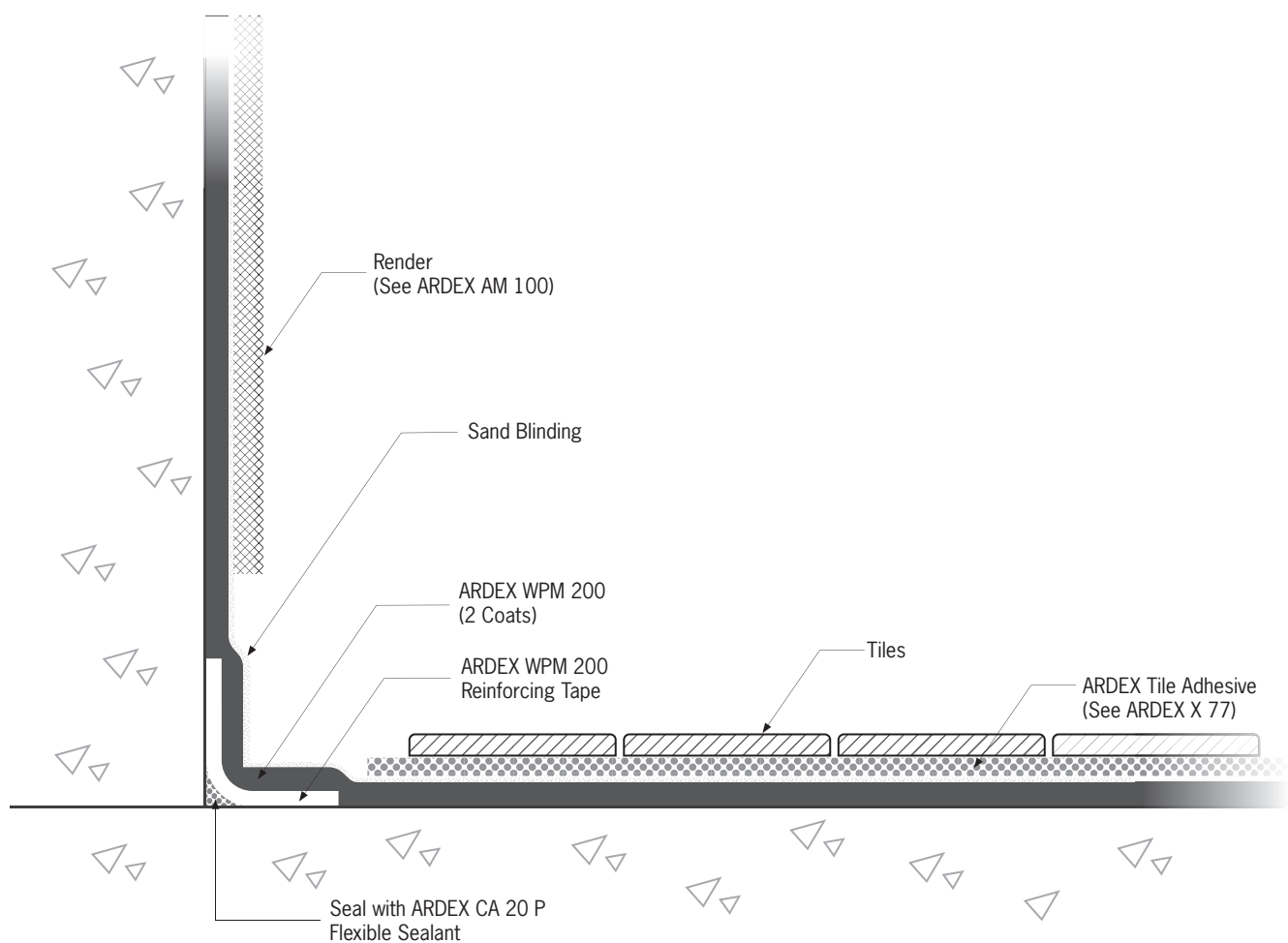
Element Intersection
or Partition Wall



Masonry



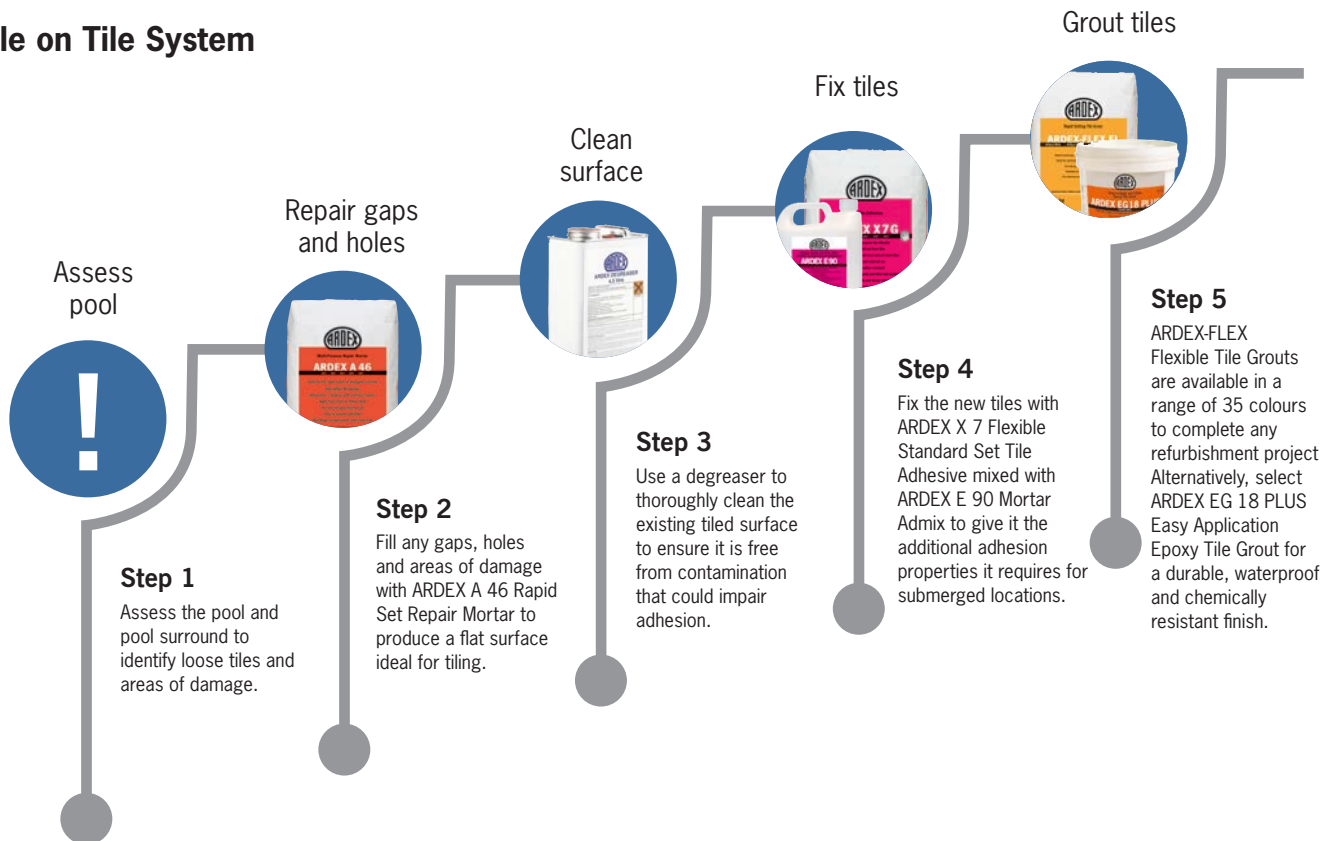
ARDEX WPM 200 Tiling and Rendering Detail Schematic



Repair & Refurbishment System

ARDEX products facilitate the rapid repair of loose and damaged tiles and leaks in small areas, as well as the retiling of entire pools, without the expense of a new installation.

Tile on Tile System



**For further information
and advice, contact
our Technical Services
Department on
01440 714939**





THAMES LIDO, LONDON

Originally opened in 1902, this

119 year-old Grade II listed

open air swimming pool was brought back to life with a £3.5m investment.

Products used: ARDEX A 38, ARDEX E 100, ARDEX AM 100, ARDEX S 7 PLUS, ARDEX X 77, ARDEX S 21 & ARDEX-FLEX FL

Technical Helpline & Training



Visit
WWW.ARDEX.CO.UK
for the latest product
datasheets and coverage
calculators

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

Tel: 01440 714939
Email: technical_admin@ardex.co.uk
Post: Technical Services Department
ARDEX UK Limited
Homefield Road
Haverhill
Suffolk
CB9 8QP



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 Customer 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.

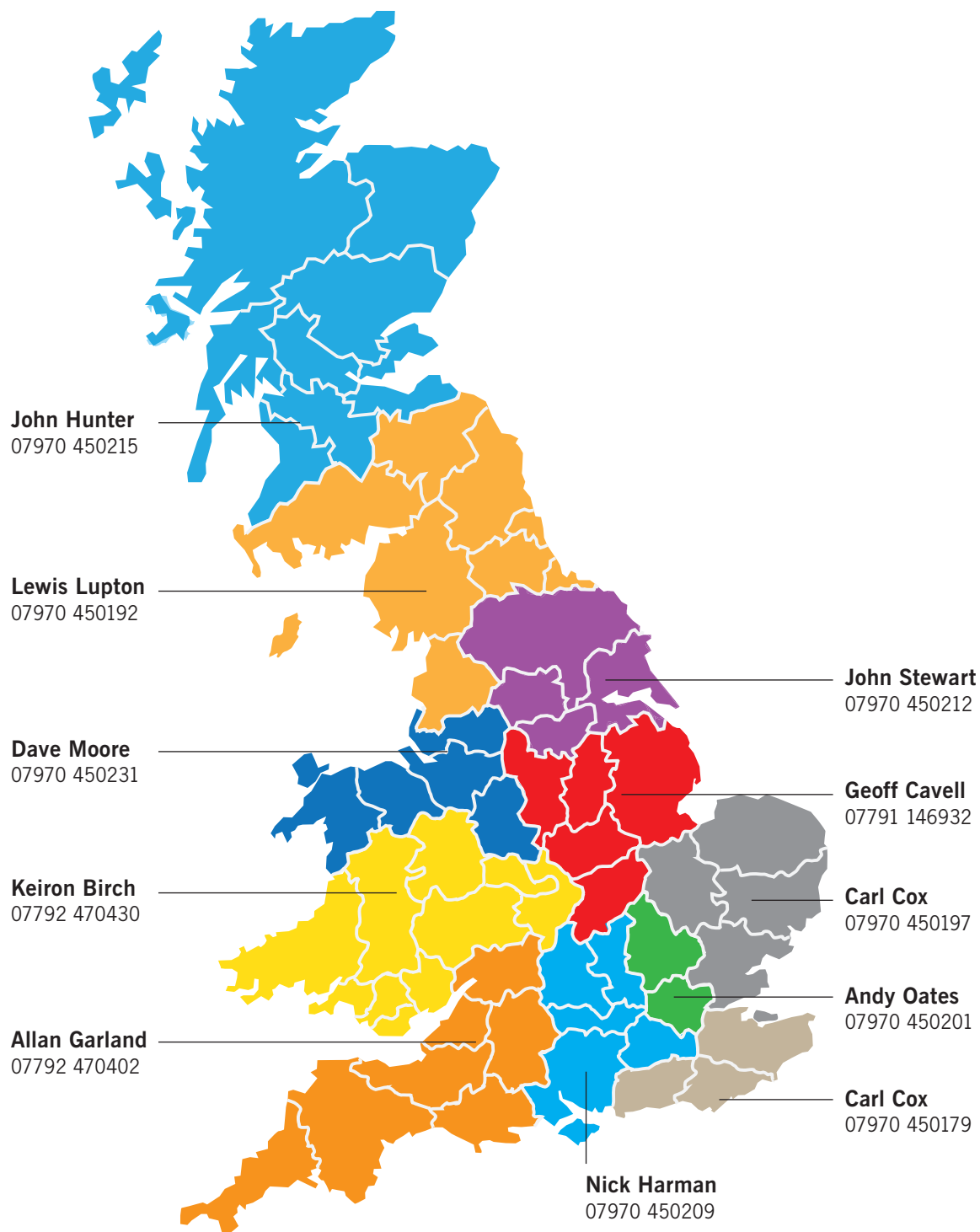
Our seminars below can be taken online at

www.ardex.co.uk

- Specifying Wall & Floor Tiling with Confidence
- Specifying Wet Room Tiling with Confidence
- Specifying Underfloor Heating with Confidence
- Specifying Natural Stone Floor & Wall Tiling with Confidence
- Specifying Tiling in Swimming Pools and Leisure Centres



Area Support





Ardex UK Limited

Homefield Road Haverhill Suffolk CB9 8QP United Kingdom
Tel: 01440 714939 Email: info@ardex.co.uk



www.ardex.co.uk