



High Performance Building Materials

■ **SCREEDS**

■ **REPAIR MORTARS**

■ **LEVELLING & SMOOTHING**

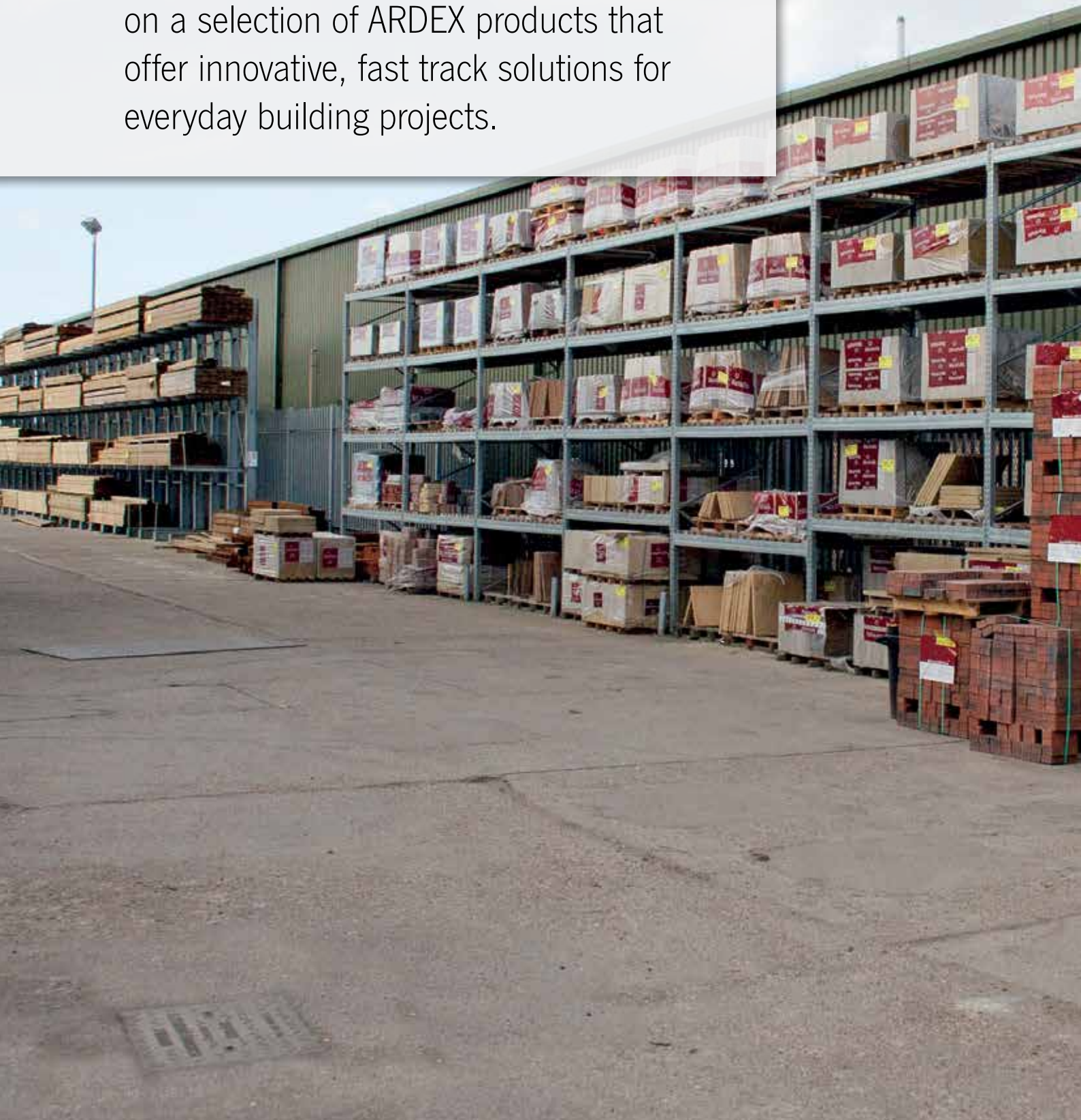
■ **WATERPROOFING**

■ **TILE ADHESIVES & GROUTS**

■ **PRIMERS & ADDITIVES**

ARDEX manufacture a complete range of high performance building materials.

This brochure contains information on a selection of ARDEX products that offer innovative, fast track solutions for everyday building projects.





CONTENTS

HEAVY BUILDING MATERIALS

Page

ARDEX SPECIALIST CEMENTS

RAPID DRYING CEMENTS FOR SCREEDS	4-5
RAPID REPAIR MORTARS	6-7
SELF-LEVELLING & SMOOTHING FOR FLOORS	8-9

TILING KITCHENS & BATHROOMS

Page

WATERPROOFING	10
TILE ADHESIVES	11-12
TILE GROUTS & SILICONES	13

PRIMERS & ADDITIVES

Page

PRIMERS & ADDITIVES	14
--------------------------------------	-----------



www.ardex.co.uk

RAPIDRY CEMENTS FOR SCREEDS

Traditional sand/cement screeds can take months to dry. However, an ARDEX RAPIDRY screed can be walked on in as little as 3 hours and receive all floors after only 24 hours, regardless of thickness.



ARDEX A 35

Rapid Setting and Ultra Rapid Drying Cement for Internal Floor Screeds

- Walk on after 3 hours
- Install all floors after 24 hours, regardless of thickness
- Can be used on underfloor heating
- Can be used to produce a bonded screed, unbonded floor screed laid onto a membrane, or floating floor screed laid onto a compressive quilt/insulating material



ARDEX A 38

Rapid Hardening and Drying Cement for Floor Screeds in Internal or External Locations

- Walk on after 3 hours
- Receives ceramic and natural stone tiles after 4 hours for bonded, unbonded and floating screeds
- Receives all floors after 48 hours, regardless of thickness
- For internal and external use, including wet and submerged areas
- Can be used on underfloor heating



ARDEX RAPIDRY cements meet the increasing demand from the construction industry for fast turnarounds that minimise downtime and disruption, and allow fast track installations by facilitating the early laying of all floors.

Ideal for conservatories and extensions

Walk on in 5 hours!



ARDEX A 23

Rapid Hardening Cement for Floor Screeds

- Install ceramic tiles after 48 hours, natural stone after 72 hours and all other floor finishes after 6 days
- A 1:7 mix is suitable for most normal screeding situations
- Can be used on underfloor heating
- Can be used to produce a bonded, unbonded and floating floor screed for internal use

DON'T FORGET...

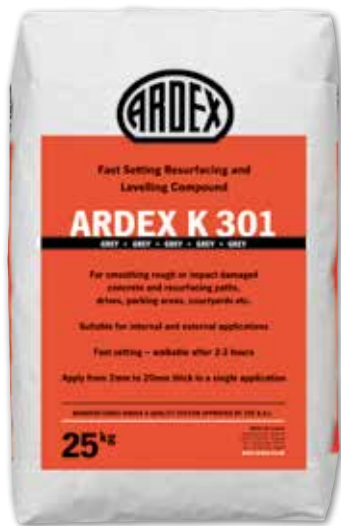
ARDEX P 51

Concentrated Water-Based Primer and Bonding Agent for Bonded Screeds



RAPID REPAIR MORTARS

ARDEX Repair Mortars are essential products for any builder, and are ideal for applications that require rapid repairs i.e. patching, smoothing and filling.



ARDEX K 301

Exterior Concrete Resurfacer

- Walkable after 2-3 hours
- Can receive wheel traffic after 48 hours
- Can also be used to pre-level floors prior to the application of an ARDEX Damp Proof Membrane

IDEAL FOR

Repairing impact damaged drives, concrete paths, balconies and patios, as well as on larger surface areas including car parks and courtyards.



Just add water

ARDEX A 46

Multi-Purpose Repair Mortar

- Sets in 30 minutes
- Slump free, suitable for walls and floors
- Internal and external use

IDEAL FOR

The rapid repair of concrete, filling cracks, gaps and holes. Patch repairs around fittings, pipework and drain repairs.



REPAIRING AN EXTERNAL STEP



Broken nosing on external step



Apply ARDEX A 46 mortar



Shape hardened ARDEX A 46 mortar to the correct profile

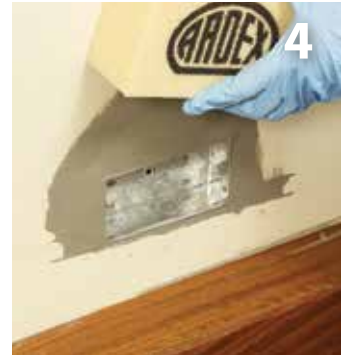


Finished repair

ARDEX A 46 MULTI-PURPOSE REPAIR MORTAR

Ideal for the rapid repair of concrete, filling cracks, gaps and holes, and patch repairs around fittings and pipework and drain repairs.

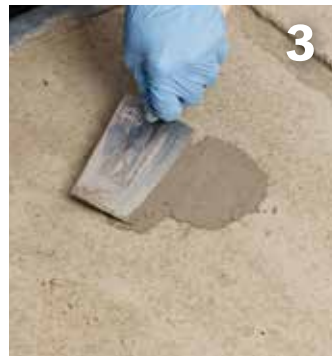
MAKING GOOD AROUND SOCKETS



REPAIRING CHANNELS



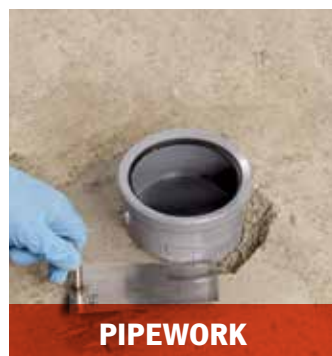
REPAIRING HOLES



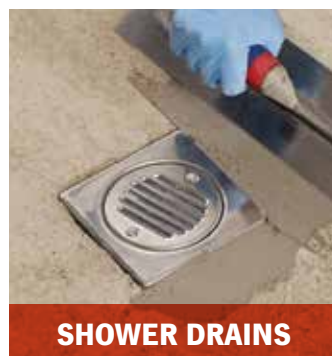
OTHER REPAIRS



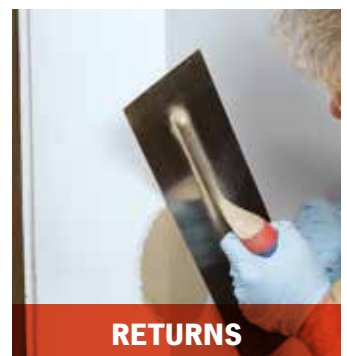
WINDOW RETURNS



PIPEWORK



SHOWER DRAINS



RETURNS

SELF-LEVELLING & SMOOTHING FLOORS

ARDITEX NA can be used to level and smooth all subfloors, without the need to prime, including bitumen adhesive residues, flooring grade plywood and ceramic tiling.

**Ideal for
refurbishments**



Excellent adhesion to almost all subfloors without priming.

OVER FLOORING GRADE PLYWOOD

OVER BITUMEN ADHESIVE RESIDUES

OVER OLD ADHESIVE RESIDUES

OVER TILES

ARDITEX NA

Ultra Rapid Setting Subfloor Levelling and Smoothing Compound

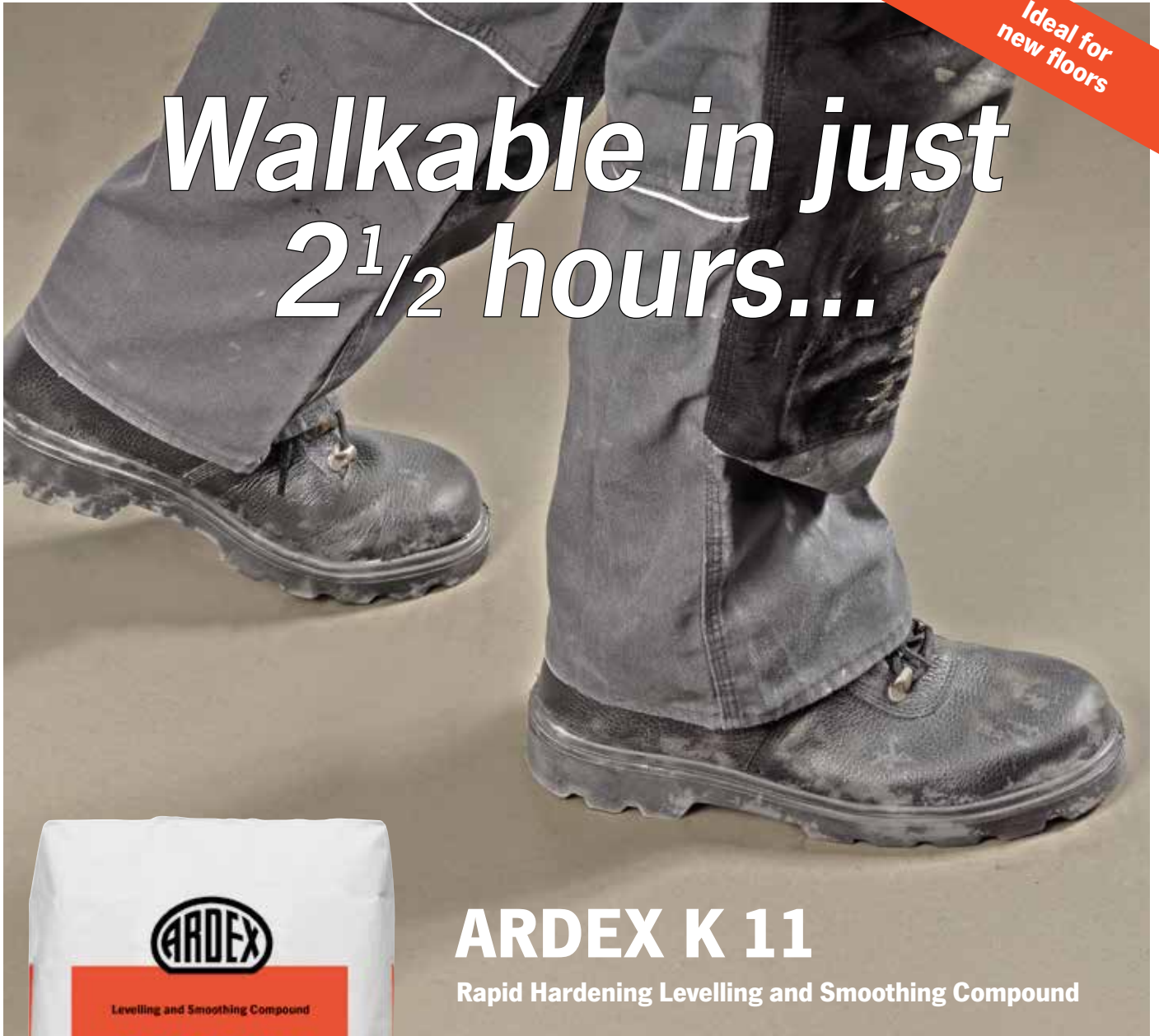
- Reduces the need for intensive preparation
- Excellent adhesion to almost all substrates without priming
- Unaffected by moisture, can be used under an ARDEX Damp Proof Membrane and direct to damp concrete
- Ready to receive floorcoverings after only 4 hours
- As smooth as a water mix

SELF-LEVELLING & SMOOTHING FLOORS

ARDEX K 11 is a water-based levelling and smoothing compound designed for levelling and smoothing a wide range of subfloor types, and is ideal for new cement/sand screeds, gypsum screeds and concrete.

Ideal for
new floors

*Walkable in just
2½ hours...*



ARDEX K 11

Rapid Hardening Levelling and Smoothing Compound

- Rapid hardening - walkable in 2½ hours regardless of thickness
- Apply from 1.5mm – 10mm
- Receives floorcoverings the next day



DON'T FORGET...

ARDEX P 51

Concentrated Water-Based Primer and Bonding Agent for Bonded Screeds



WATERPROOFING



ARDEX WPC prevents water from the shower penetrating into the tiling background and causing costly damage to the tiled area and adjacent rooms.



Use prior to tiling, perfect for commercial or domestic:

- Wet rooms
- Power showers and bathrooms
- Kitchens

ARDEX WPC

Waterproof Protection System

ARDEX WPC creates a waterproof protective coating that guarantees the prevention of water damage to floors and walls.

- Rapid drying – tile after only 90 minutes
- Simple to apply with a roller, paint brush or trowel
- Fills gaps and plugs holes



1 Ensure that you have the appropriate tools before you start



2 MIX 1: Mix a small amount of ARDEX WPC to a slump free consistency



3 Apply the mixed ARDEX WPC with a spatula, pallet knife or trowel



4 MIX 2: Mix to a flowing consistency. Apply an even coat with a paint brush or roller 30 minutes after the first coat



5 Tiles can be fixed onto the second coat after approximately 60 minutes



6 Finished installation. Tile on after 90 minutes

DID YOU KNOW?

Advice in BS 5385-4 recommends that in tile installations that are not immersed, but subject to frequent contact with water, the basic structure behind the tiles should be watertight. Since there is likely to be relatively little opportunity for the installation to dry out between periods of use, it should be tanked.

TILE ADHESIVES

ARDEX have a range of ready mixed and powder-based tile adhesives, that include standard and rapid setting formulations, with benefits including extended open time, high yield and advanced slump resistance.

Rapid Setting Flexible Adhesive for Floor and Wall Tiling

Rapid Set - walk on and grout after 2 hours



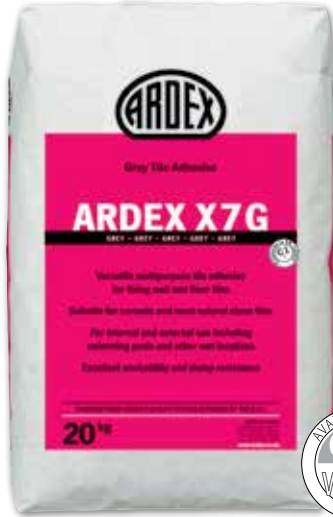
ARDEX X7 R
Rapid Set Tile Adhesive



- Walk on and grout tiles after 2 hours
- For use with all types of ceramic tiles, including porcelain
- Can be used on plywood overlay
- Suitable for use with underfloor heating
- For internal and external use, as well as swimming pools and wet areas

TILE ADHESIVES

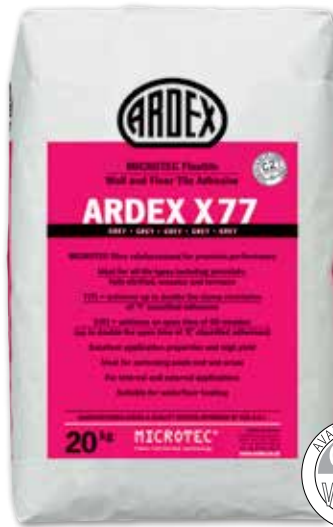
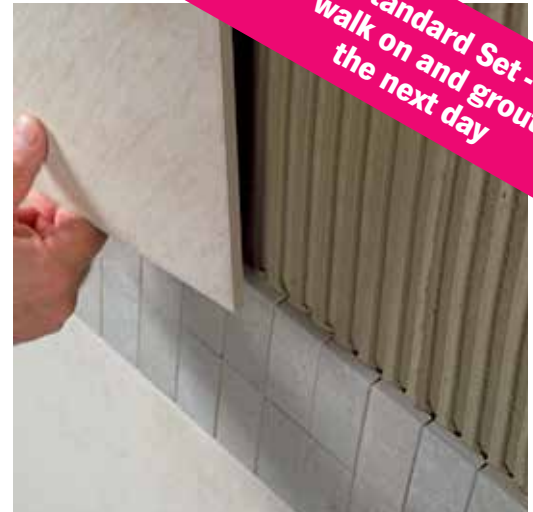
ARDEX have a range of ready mixed and powder-based tile adhesives, that include standard and rapid setting formulations, with benefits including extended open time, high yield and advanced slump resistance.



ARDEX X 7

Standard Setting Tile Adhesive for Wall and Floor Tiles

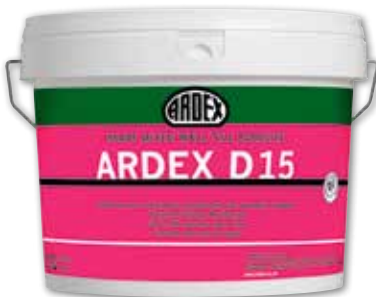
- Smooth, creamy consistency provides excellent workability and ease of application
- For use with all types of ceramic tiles, including porcelain
- 30 minute open time
- Suitable for use with underfloor heating
- For internal and external use, as well as swimming pools and wet areas



ARDEX X 77

MICROTEC Flexible Wall and Floor Tile Adhesive

- Advanced slump resistance – heavier, larger tiles can be fixed
- 60 minute open time
- 3 hour pot life
- High yield - up to 40% more coverage than standard adhesives
- For internal and external use



ARDEX D 15

Ready Mixed Wall Tile Adhesive

- Ideal for use in kitchens, bathrooms and domestic showers
- Excellent slump resistance
- Up to 20 minute open time
- No primer required



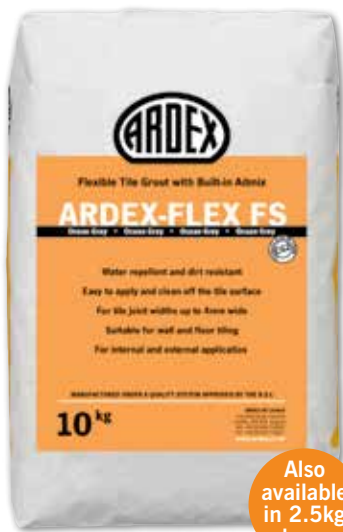
TILE GROUTS & SILICONES

ARDEX-FLEX Flexible Tile Grouts are available in 32 colours for both narrow and wide joints.

ARDEX-FLEX FS

Flexible Tile Grout

- For tile joints up to 4mm wide
- Water repellent and dirt resistant
- Easy to apply and clean off the tile surface
- Suitable for internal and external use



Also available in 2.5kg bags



Available in 32 colours

ARDEX-FLEX FL

Rapid Setting Flexible Tile Grout

- For tile joints 3-15mm wide
- Water repellent and dirt resistant
- Rapid Hardening, receives foot traffic after 90 minutes
- Suitable for internal and external use



Also available in 2.5kg bags

ARDEX ST

Elastic Silicone Sealant

- Easy to apply
- Excellent resistant to weather, UV radiation and commonly used cleaning products
- Does not support the growth of fungus or moulds
- Suitable for internal and external use



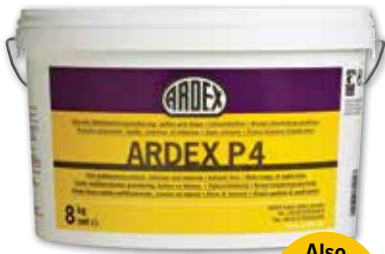
Available in transparent and six colours



Due to the print process all colours are approximate. Colours may vary when dry, depending on the type of tile installed, substrate and installation conditions.

PRIMERS & ADDITIVES

ARDEX Primers & Additives are designed to work with our flooring and tiling products, guaranteeing a successful installation through correct preparation.



Also available in 2kg tubs

ARDEX P 4

Rapid Drying Multi-Purpose Primer

- Dries within 30 minutes
- Ready mixed and resealable for convenience
- Textured surface is ideal for tiling onto
- Drip free consistency

IDEAL FOR

A wide range of absorbent and non-absorbent surfaces, on walls, floors and ceilings, including existing ceramic tiles, terrazzo, concrete, screeds and renders. Can also be used in external and wet areas.



ARDEX P 51

Concentrated Water-Based Primer and Bonding Agent

- Provides up to 160m² coverage per 5kg unit
- Minimises air bubbles rising through levelling compounds and porous surfaces
- Bonding agent for bonded screeds

IDEAL FOR

The preparation of internal floors, walls and ceilings prior to receiving cement-based mortars, priming and sealing the surfaces of cement or gypsum plaster based walls and floors, and priming timber floors prior to fixing ceramic tiles.



ARDEX E 100

Additive to improve Screeding, Rendering and Repair Mortars, and for Bonding/Slurry Grouts

- Improves the elasticity and the compressive and tensile strengths of the modified mortar
- Improves the workability and plastic properties of the mortar, without increasing the water content
- Reduces early age crack formation and surface dusting of screeds, while increasing their abrasion resistance

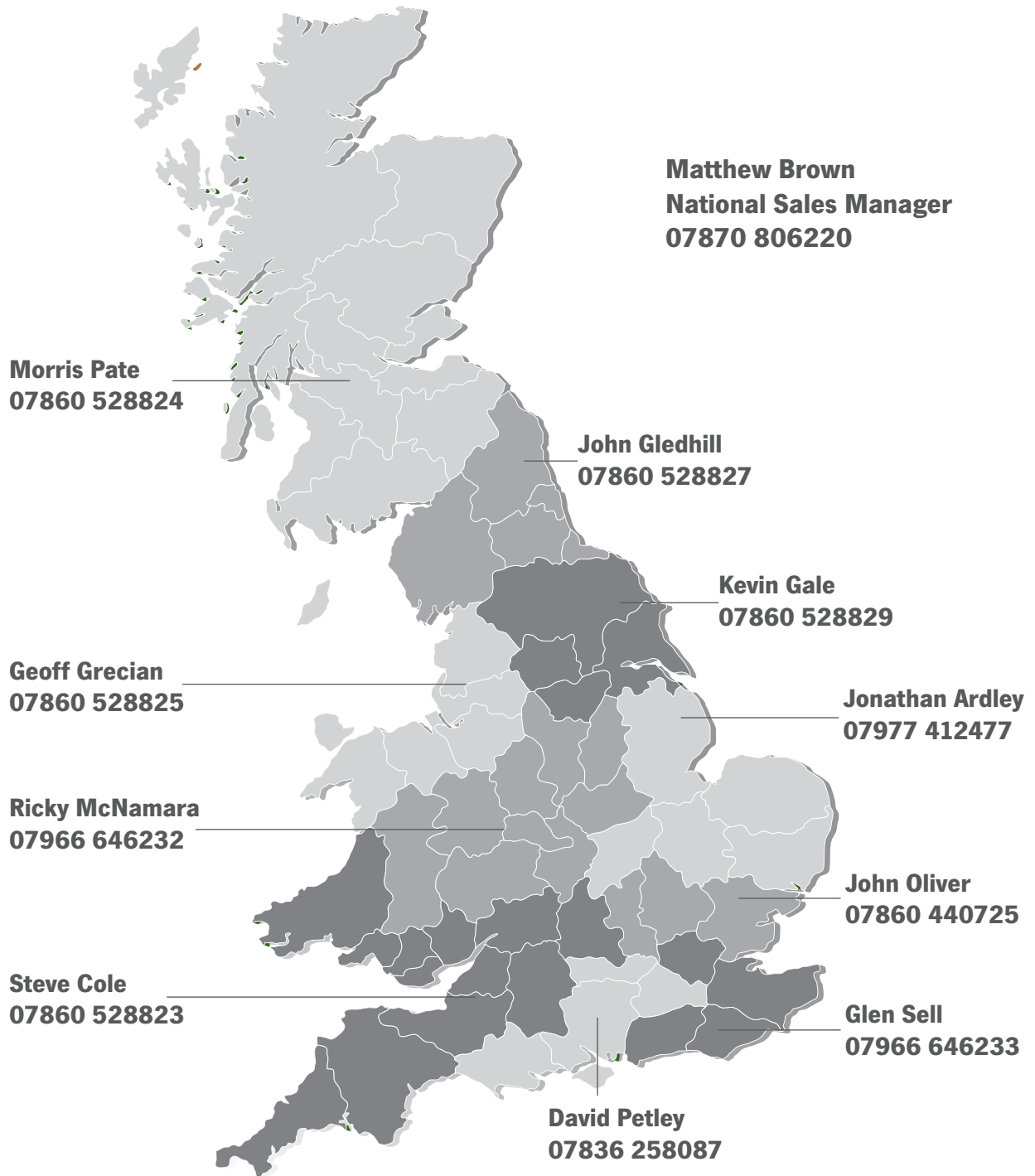
IDEAL FOR

Use with ARDEX A 38 Rapid Hardening and Drying Cement for Floor Screeds as a bonding slurry/grout.





Find your local Area Sales Manager



For the full product range and the most up to date technical and safety datasheets visit:

www.ardex.co.uk

For any enquiries or customer service, please contact:

01440 714939

info@ardex.co.uk



For the full product range and the most up to date technical and safety datasheets visit:

www.ardex.co.uk
www.ardexcpdacademy.com

ARDEX UK LIMITED

Homefield Road Haverhill Suffolk CB9 8QP United Kingdom

Telephone: 01440 714939

Email: info@ardex.co.uk

ARDEX online: www.ardex.co.uk
www.ardexcpdacademy.com