TILE FIXING PRODUCT GUIDE

Wall & Floor Preparation
Uncoupling Matting Installation
Waterproofing
Tile Adhesives
Tile Grouts
Silicones

www.ardex.co.uk

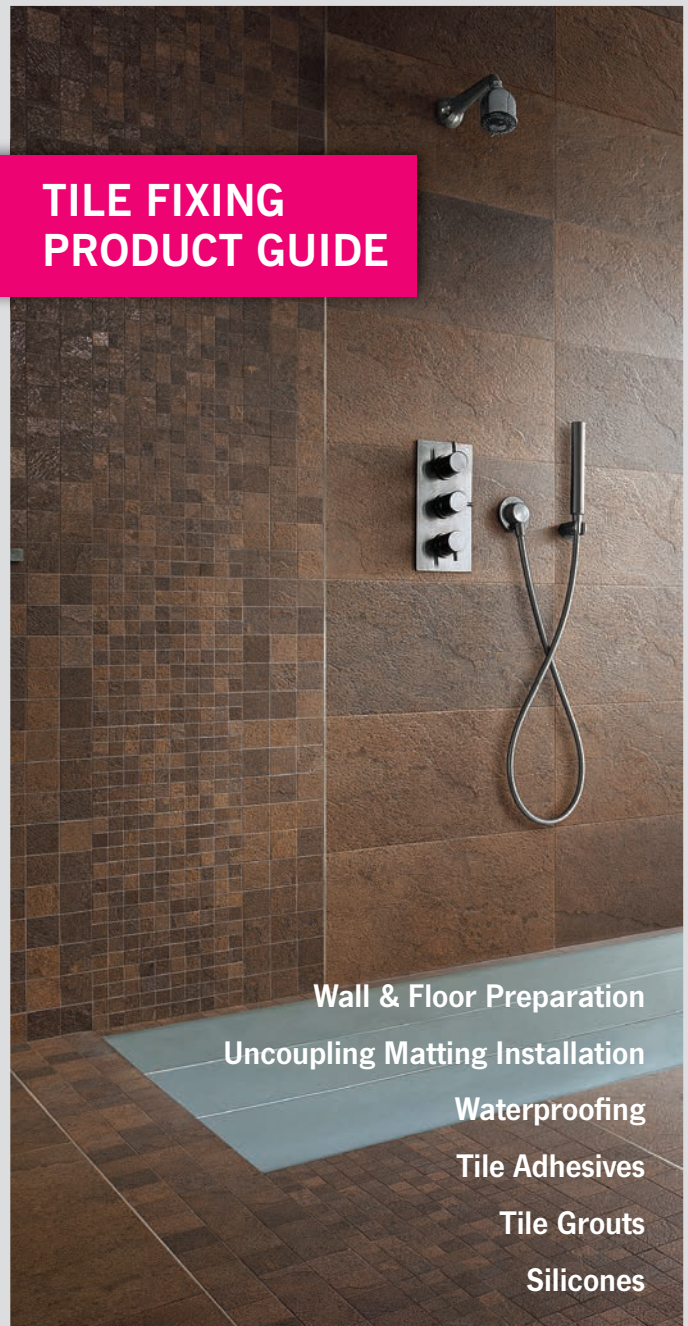**Follow us on Twitter**
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ABOUT ARDEX

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

Operating across more than 50 sites worldwide, ARDEX are a premium supplier of products for wall and floor preparation, and the installation and finishing of tiles and natural stone. ARDEX products have been specified on many prestigious projects, from the world's largest shopping mall in Dubai, to the iconic 2012 London Olympic Aquatics Centre.

ARDEX are active members of The Tile Association and Stone Federation Great Britain, 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 OHS 18001, we produce solutions you can trust.
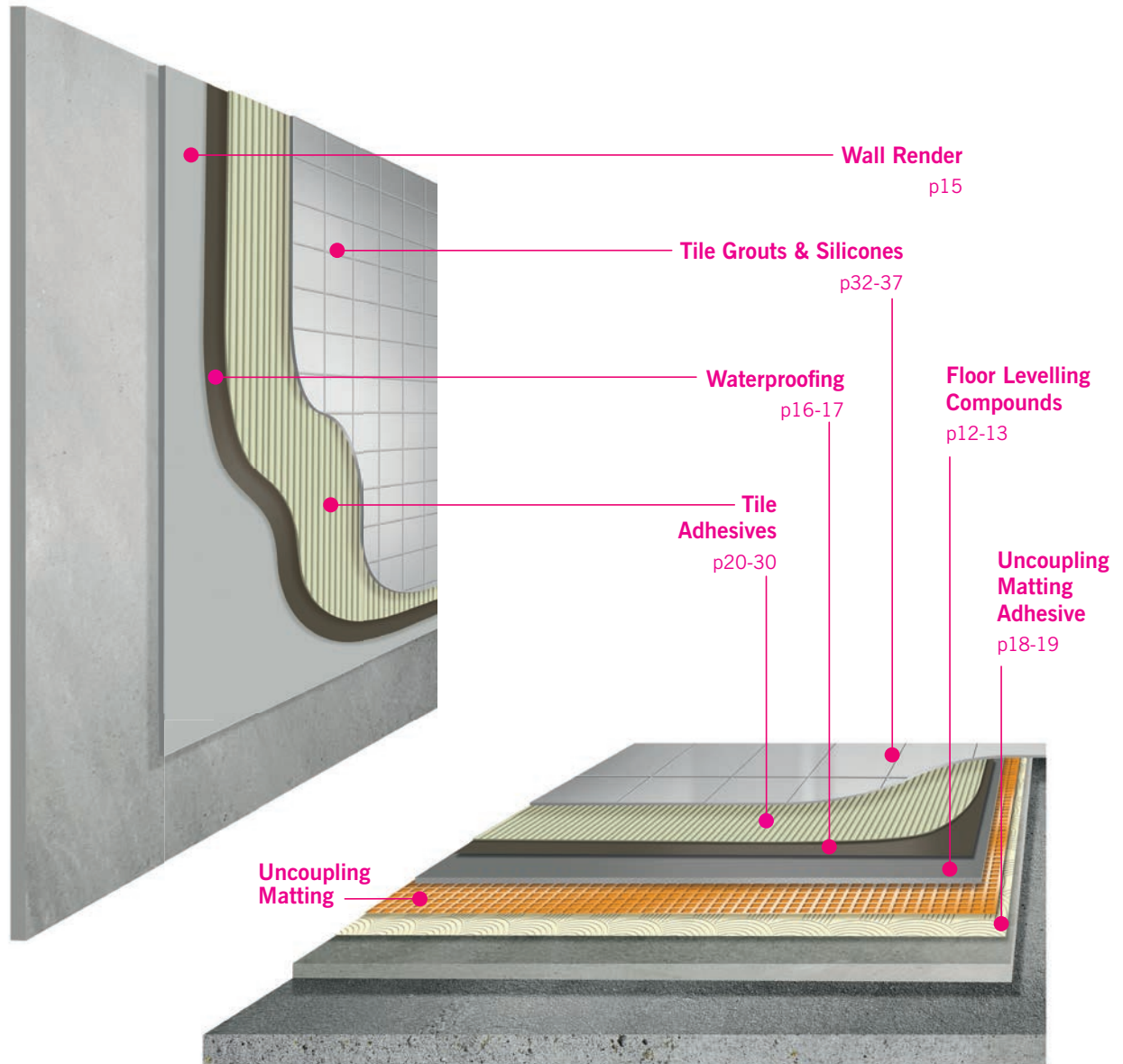
This guide contains information on the essential ARDEX products required by the modern, professional tile fixer. For further information on the full ARDEX range visit **www.ardex.co.uk**

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Uncoupling Matting

BEST PRACTICE

1. PRIMING

Although not always essential, priming with ARDEX P 51 or ARDEX P 4 is recommended as best practice to produce a uniform surface for tile adhesives and levelling compounds to bond to. On substrates such as plaster and gypsum screeds, they guarantee their adhesion; and on timber they help prevent expansion and movement in the wood.

2. EVALUATE THE SUBSTRATE

- **Is it flat enough?** British Standards require that deviations in the substrate should not exceed 3mm when measured under a 2m straight edge. To be confident you are achieving the required surface regularity, level floors with ARDITEX NA or ARDEX FA 10 and/or render walls with ARDEX AM 100.

- **Is it strong enough?** Check the wall background will support the weight of the tiling, as in the table below:

Gypsum plaster	20kg/m²
Plasterboard and plywood	32kg/m²
Proprietary tile backing boards	60kg/m²*
Cement and sand render/concrete	64kg/m²

*Refer to manufacturer guidelines for exact weight limitations

3. WATERPROOFING

According to BS 5385, in installations that are not immersed but are subject to frequent water contact, when tiling power showers for example, the structure behind the tiles must be watertight. If the area you are tiling is in a wet location, use ARDEX WPC to waterproof the underlying structure and prevent water penetrating into the tiled background, which can cause costly damage to adjacent rooms.

4. USE THE CORRECT ARDEX TILE ADHESIVE

- **Speed:** ARDEX MICROTEC X 77 S or ARDEX MICROTEC X 78 S will allow grouting to commence after just 90 minutes!

- **Stone:** Some stones are moisture sensitive, so opt for an ARDEX 'RADIDRY FORMULA' adhesive to prevent staining and warping. You can read our guidance notes on installing stone on p.8-9.

- **Large format tiles:** Use ARDEX Cement-Based Tile Adhesives to confidently fix larger tiles. For maximum yield and open time, use a MICROTEC® adhesive.

- **Fixing to timber:** Wood is a particularly difficult substrate as it can absorb moisture from its surroundings, causing warping and movement. Prime timber with ARDEX P 51 and then fix tiles with ARDEX X 7001, a 'RAPIDRY FORMULA' adhesive which locks in the mix water and helps to prevent this from happening.

- **Fixing to fibreglass, steel and PVC coverings:** Use ARDEX X 60 PU FLEX to tile direct to these problematic substrates without priming.

5. USE THE CORRECT ARDEX TILE GROUT

ARDEX-FLEX FS and ARDEX-FLEX FL are suitable for grouting most installations and are available in 35 colours to suit any tiling project. For moisture sensitive natural stone, opt for ARDEX MG to eliminate the risk of water staining.

6. SILICONE SEALING

ARDEX ST Silicone Sealant creates an elastic joint resistant to weather, UV radiation and commonly used cleaning chemicals. It contains fungicide and is available in Transparent and 13 colours to complement the ARDEX-FLEX Tile Grout range.

The Savoy Hotel
with ARDEX Natural Stone Products

FIXING NATURAL STONE

Natural and agglomerated stones such as granite, marble and limestone are naturally durable materials that can last a lifetime. However, like any product, problems may occur if they are not installed properly.

The main issue associated with this type of installation is determining whether the stone is moisture sensitive or not and, following that, using the correct products to fix it. In most instances natural stone tiles will not have a sensitivity to moisture and non-specialist products can be used with confidence; however, using such products to fix moisture sensitive stone can lead to permanent defects in the finished result.

PICTURE FRAMING

BLOB FIXING

Typically occurring during the bedding and grouting process, moisture from traditional adhesives and grouts can migrate into the stone and cause discolouration, staining and even warping.

For tile fixers installing moisture sensitive natural or agglomerated stones, or for those who are unsure, ARDEX has developed a system of products specifically designed to eliminate these problems, ensuring a risk free installation every time.

ARDEX natural stone products incorporate our unique 'RAPIDRY FORMULA' technology and 'lock' the mix water within the mortar, virtually eliminating the risk of water staining, curling and warping.

Our specialist range:

- Prevents water damage and allows confident fixing of moisture sensitive natural and agglomerated stones
- Can fix uncalibrated natural stone
- Enables floors to be walked on in the shortest time possible
- Facilitates solid bed fixing

**BEST INNOVATION:
ARDEX NATURAL
STONE RANGE**

When fixing natural stone, use ARDEX Natural Stone products with 'RAPIDRY FORMULA' Technology. Simply look out for the logo throughout this guide.

RAPIDRY
FORMULA

PRIMERS

Optimise adhesion of tile adhesives and floor levelling compounds to tiling substrates

ARDEX P 51

CONCENTRATED WATER-BASED PRIMER & BONDING AGENT

JUST ONE COAT AT 1:3 FOR ANHYDRITE SCREEDS

DESCRIPTION

Concentrated, solvent-free primer for use on backgrounds to improve their adhesion with cement-based levelling compounds and tile adhesives.
ARDEX P 51 is also ideal for priming anhydrite screeds before tiling.

SUITABLE SUBSTRATES
Concrete, sand and cement screeds, anhydrite screeds, plaster and timber

SUITABLE FOR EXTERNAL USE OR WET AREAS
No

PACK SIZE
1kg, 5kg and 25kg bottles

COVERAGE
1kg – up to 32m^2 per bottle
5kg – up to 160m^2 per bottle
25kg – up to 800m^2 per bottle

Substrate	Dilution Ratio [ARDEX P 51 : water]
Wood-based sheets and boards to receive levelling compounds and cement-based tile adhesives	Undiluted
Smooth and non-porous substrates to receive levelling compounds and cement-based tile adhesives	1:½
Rough concrete floors to receive levelling compounds	1:1
Power floated concrete to receive levelling compounds	1:2
Prepared gypsum plaster walls and floors to receive cement-based tile adhesives	1:3
Porous or highly absorbent cement screeds to receive levelling compounds and repair mortars	1:5

Use **ARDEX P 51** to prime floorboards before applying **ARDEX X 7001** Tile Adhesive

ARDEX P 4

READY MIXED RAPID DRYING PRIMER

DESCRIPTION

Solvent-free primer for internal and external use on absorbent and non-absorbent backgrounds. ARDEX P 4 produces a textured surface and is especially effective in facilitating the adhesion of cement-based tile adhesives in tile-on-tile applications.

SUITABLE SUBSTRATES
Ceramic tiles, terrazzo, concrete, cement/lime renders, sand and cement screeds, levelling compounds and dispersion based paints

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

FIX TILES AFTER
As little as 30 minutes

PACK SIZE
2kg and 8kg tubs

COVERAGE
2kg – 10m^2 per tub
8kg – 40m^2 per tub

Use **ARDEX P 4** before ARDEX Cement-Based Tile Adhesives when tiling direct to existing tiles

FLOOR LEVELLING

Encapsulate under tile heating cables and level subfloors to lay tiles quicker, easier and more cost effectively

ARDITEX NA
RAPID SETTING LATEX LEVELLING COMPOUND

DESCRIPTION

Simple bag and bottle mix that can be tiled after just 3 hours. Its unique properties mean it can be used with confidence over most substrates without priming, including direct to bitumen adhesive residues and ceramic tiling. It is also ideal for encapsulating under tile heating cables and levelling over uncoupling matting.

SUITABLE SUBSTRATES
Even the most difficult substrates, including direct to tile, old adhesive residues, bitumen, timber* and sand and cement screeds

APPLICATION THICKNESS
Up to 30mm

WORKING TIME
20 minutes

FIX TILES AFTER
3 hours

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
20kg bag & 4.85kg bottle

COVERAGE
5m^2 per unit at 3mm thickness

ARDEX FA 10
RAPID SETTING FIBRE REINFORCED LEVELLING COMPOUND

DESCRIPTION

Ideal for use on a wide range of subfloors and for encapsulating under tile heating cables, ARDEX FA 10 is reinforced with fibres to ensure a flexible, crack-free finish with exceptional stability, and is ready to receive tiling after just 3 hours, regardless of thickness.

SUITABLE SUBSTRATES
sand and cement screeds, gypsum screeds, concrete and flooring grade plywood

APPLICATION THICKNESS
1.5-20mm

WORKING TIME
30 minutes

FIX TILES AFTER
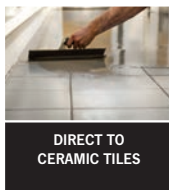3 hours

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
20kg bag

COVERAGE
4.2m^2 per bag at 3mm thickness

DIRECT TO BITUMEN ADHESIVE RESIDUES

DIRECT TO CERAMIC TILES

DIRECT TO FLOORING GRADE PLYWOOD

*Prior to overboarding with tile backing board

Prime floors with **ARDEX P 51** before applying **ARDEX FA 10**

ARDEX A 46
RAPID SET REPAIR MORTAR

DESCRIPTION

Slump free mortar for making internal and external repairs to walls and floors before installing ceramic tiles. Use for making good around pipework and other fittings, creating ramps and falls in wetrooms or repairing holes in concrete, sand and cement screeds and steps.

SUITABLE SUBSTRATES
Concrete, sand and cement screeds, brickwork, blockwork and renders

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

APPLICATION THICKNESS
2-50mm

POT LIFE
15 minutes

FIX TILES AFTER
4 hours

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
5kg buckets & 11kg bags

COVERAGE
5kg - 1.8m^2 per bucket at 2mm thickness
11kg - 4m^2 per bag at 2mm thickness

ARDEX AM 100
RAPID SET ONE COAT TILE RENDER

DESCRIPTION

ARDEX AM 100 produces a level surface on walls where, for example, they have been damaged after removing existing tiles or where bricks/blocks are uneven. Ideal for fast-track tiling, ARDEX AM 100 is ready to receive tiles after just 2 hours.

SUITABLE SUBSTRATES
In-situ concrete walls, brickwork, blockwork and existing render

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

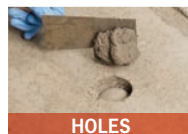**APPLICATION THICKNESS**
2-30mm

POT LIFE
30 minutes

FIX TILES AFTER
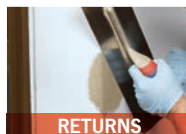2 hours

PACK SIZE
25kg bag

COVERAGE
3.2m^2 per bag at 6mm thickness

HOLES

PIPEWORK

RETURNS

To fast track the rest of your project, tile and grout with **ARDEX X 7 R** and **ARDEX-FLEX FL**

WATERPROOFING

Prevent moisture damage to walls and floors adjoining bathrooms and other wet areas

ARDEX WPC

FLEXIBLE RAPID DRYING WATERPROOF COATING FOR INTERNAL WET AREAS

DESCRIPTION

Use prior to tiling to create a protective waterproof coating that prevents leaks and water damage to floors and walls. Ideal for use in commercial and domestic wetrooms, bathrooms and kitchens. Quick and easy to apply with a roller, paint brush or trowel, and tiles can be fixed after just 90 minutes.

SUITABLE SUBSTRATES
Concrete, sand and cement renders and screeds, gypsum plaster, plasterboard and wood-based materials

SUITABLE FOR EXTERNAL USE OR WET AREAS
In commercial and domestic showers and bathrooms only

POT LIFE
45 minutes

FIX TILES AFTER
90 minutes

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX WPC
White - ARDEX WPC W

PACK SIZE
5kg bag & 5kg bottle

COVERAGE
6.6m^2 per unit

RAPIDRY FORMULA

To waterproof, fix tiles and grout in a day, follow with **ARDEX X 7 R** Rapid Setting Tile Adhesive and **ARDEX-FLEX FL** Tile Grout

Avoid Costly Water Damage

FREE roller and scrim tape in every box!

ARDEX WATERPROOF PROTECTION SYSTEM

- **Ideal for wetrooms, showers, bathrooms and kitchens**
- **Tile after 90 minutes**
- **Quick and easy to apply**

UNCOUPLING MATTING ADHESIVE

Minimise the time required to install uncoupling matting and fix tiles immediately after installation

ARDEX AF 200 PLUS

READY MIXED UNCOUPLING MATTING ADHESIVE

DESCRIPTION

Unlike traditional powder adhesives, ARDEX AF 200 PLUS has a high initial grab which prevents matting systems from curling, and allows tiles to be fixed immediately. It is ready mixed, easy to apply and comes in a resealable container. Up to 45m^2 coverage provides a cost-effective alternative to cement-based adhesives.

SUITABLE SUBSTRATES
Timber, concrete and sand and cement screeds

FIX MATTING
After 5-10 minutes or within 1 hour

FIX TILES AFTER
Immediately after laying matting

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
6kg and 14kg tubs

COVERAGE
6kg - 19m^2 per tub
14kg - 45m^2 per tub

Suitable for all fleece-backed matting and ideal for

Schlüter®- DITRA

by Schlüter® Systems

The Ultimate Uncoupling Matting Installation System

Install matting systems quicker, easier and more cost-effectively

1 Ready for use, ARDEX AF 200 PLUS doesn't require mixing. Simply pour directly onto the floor without priming.

2 For maximum coverage, spread ARDEX AF 200 PLUS with a B1 or 2mm x 6mm v-notch serrated trowel. When finished, reseal the tub ready for the next job.
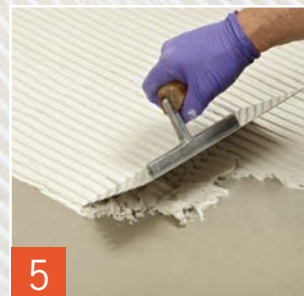

3 Lay matting after 5-10 minutes. High grab formulation prevents curling of the mat.

4 Matting can be tiled immediately with an ARDEX Tile Adhesive. Alternatively, firstly apply ARDITEX NA to quickly & easily create a flat, level surface.

5 ARDITEX NA allows tiling to commence after just 3 hours.

6 Finish with an ARDEX-FLEX Tile Grout & ARDEX ST Silicone Sealant, available in a range of colours to suit any tiling finish.

ARDEX MICROTEC®
FIBRE REINFORCED TILE ADHESIVES

Tiles are evolving. In both the domestic and commercial markets, there has been a steady increase in the demand for large format tiles. In addition to being heavier, they also bring the challenge of having dense and smooth undersides. Combined with increasingly difficult site conditions, tiling contractors can look to advanced products to not only allow them to fix any tile with confidence, but to also benefit from additional features that can assist them in their everyday work.

The ARDEX MICROTEC® range has been specifically designed to meet the challenges of today's tiling trends. Containing advanced fibre-reinforcement technology and specially developed cements and polymers, MICROTEC® provides:

- Double the standard slump resistance of traditional tile adhesives, fixing heavy large format tiles without slipping, even without battens.

- High adhesion strength, for confident fixing of modern tiles with dense, smooth undersides.

- Up to double the standard open time of traditional tile adhesives, allowing up to 60 minutes before tiles need to be fixed. Combined with the extended pot life of up to 3 hours, this allows fixers to mix, spread and fix in larger batches, and simply spend less time mixing and more time fixing!

- Up to 40% more coverage than leading competitors*, going further with every single bag and providing a cost-effective solution.

Find out about the ARDEX MICROTEC® range on p.22-25.

FIX UP TO 40% MORE TILES*

ARDEX X77

*Comparisons based on the coverage and mixing data of cement-based tile adhesives, as published on technical datasheets available on competitor websites. ARDEX MICROTEC X 77 20kg fixes up to 48 600x300mm tiles using an 8x8mm notched trowel, versus 20kg of leading competitor tile adhesive that fixes 34 600x300mm tiles using an 8x8mm notched trowel.

MICROTEC®
CEMENT-BASED ADHESIVES

Advanced technologies for superior slump resistance, yield and ease of application

ARDEX X 77
MICROTEC® FLEXIBLE STANDARD SET TILE ADHESIVE

DESCRIPTION

Fibre-reinforced adhesive provides advanced slump resistance, ideal for fixing large format tiles to walls without the need for battens.

3 hour pot life and 60 minute open time allows more adhesive to be mixed, spread and fixed in a single batch, providing maximum efficiency. Cost-effective solution with up to 40% extra coverage than leading competitors*.

SUITABLE TILES
Fully vitrified or porcelain tiles, glass and porcelain mosaics, terrazzo and large format tiles

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

BED THICKNESS
1-6mm

POT LIFE
3 hours

OPEN TIME
60 minutes

ADJUSTMENT TIME
30 minutes

GROUT AFTER
Walls - 8 hours
Floors - 24 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX X 77
White - ARDEX X 77 W

PACK SIZE
10kg bag in FREE mixing bucket & 20kg bags

COVERAGE
6.3m^2 per bag at 3mm thickness

Grout in just 90 minutes with **ARDEX X 77 S**

*Based on coverage and mixing data of 20kg cement-based tile adhesives, as published on technical datasheets available on competitor websites as of January 2016.

ARDEX X 78
MICROTEC® FLEXIBLE STANDARD SET SEMI-POURABLE FLOOR TILE ADHESIVE

DESCRIPTION

Fibre-reinforced floor tile adhesive with a semi-pourable consistency, ideal for solid bed fixing large format floor tiles without having to butter the backs. 3 hour pot life and 60 minute open time allows more adhesive to be mixed, spread and fixed in a single batch, providing maximum efficiency.

SUITABLE TILES
Fully vitrified or porcelain tiles, glass and porcelain mosaics, terrazzo and large format tiles

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

BED THICKNESS
1-6mm

POT LIFE
3 hours

OPEN TIME
60 minutes

ADJUSTMENT TIME
30 minutes

GROUT AFTER
24 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey

PACK SIZE
20kg bag

COVERAGE
5.6m^2 per bag at 3mm thickness

Grout in just 90 minutes with **ARDEX X 78 S**

St. David's Shopping Centre with ARDEX Natural Stone Products

ARDEX X 7001

MICROTEC® FLEXIBLE RAPID SET POURABLE FLOOR TILE & STONE ADHESIVE

IDEAL FOR TIMBER FLOORS

DESCRIPTION

Fibre-reinforced, pourable adhesive ideal for solid-bed fixing tiles on most subfloors, and is particularly effective on wood-based sheets and boards. 'RAPIDRY FORMULA' Technology locks in the mix water, helping to prevent warping and movement in timber floors, as well as discolouration and staining in moisture sensitive natural stone.

SUITABLE TILES
All tile types including vitrified, porcelain, and agglomerate and natural stone

SUITABLE FOR EXTERNAL USE OR WET AREAS
No

BED THICKNESS
1-6mm

POT LIFE
60 minutes

OPEN TIME
30 minutes

ADJUSTMENT TIME
15 minutes

GROUT AFTER
2 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX X 7001
White - ARDEX X 7001 W

PACK SIZE
20kg bag

COVERAGE
4.8m² per bag at 3mm thicknes

RAPIDRY FORMULA

Prime timber with **ARDEX P 51** before applying **ARDEX X 7001**

ARDEX S 27

MICROTEC® FLEXIBLE RAPID SET TILE & STONE ADHESIVE

DESCRIPTION

Rapid drying, fibre-reinforced tile adhesive which combines the advanced fixing properties of MICROTEC® with 'RAPIDRY FORMULA' Technology for speed and assurance when fixing natural stone. Ideal for fixing all stone tiles, ARDEX S 27 virtually eliminates the risks of staining and warping and allows grouting to commence after just 2 hours.

SUITABLE TILES
Moisture and non-moisture sensitive natural stone, agglomerated stone, porcelain, mosaics, fully vitrified and ceramic tiles

SUITABLE FOR EXTERNAL USE OR WET AREAS
No

BED THICKNESS
1-15mm

POT LIFE
60 minutes

OPEN TIME
30 minutes

ADJUSTMENT TIME
15 minutes

GROUT AFTER
2 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX S 27
White - ARDEX S 27 W

PACK SIZE
20kg bag

COVERAGE
6.4m² per bag at 3mm thickness

RAPIDRY FORMULA

Also available as semi-pourable for floors **ARDEX S 28**

CEMENT-BASED ADHESIVES

Confidently fix most tile types and sizes to walls and floors

ARDEX X 7
FLEXIBLE STANDARD SET TILE ADHESIVE

DESCRIPTION

Versatile adhesive for internal and external wall and floor applications. Provides excellent workability and slump resistance, as well as a pot life of up to 5 hours!

SUITABLE TILES
Ceramic, porcelain, glass mosaic and non-moisture sensitive natural stone

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

BED THICKNESS
1-6mm

POT LIFE
5 hours

OPEN TIME
30 minutes

ADJUSTMENT TIME
10 minutes

GROUT AFTER
Walls - 8 hours
Floors - 24 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX X 7 G
White - ARDEX X 7 W

PACK SIZE
20kg bag

COVERAGE
5.1m^2 per bag at 3mm thickness

For up to 40% more coverage than leading competitors, upgrade to **ARDEX X 77** MICROTEC Flexible Wall & Floor Tile Adhesive

ARDEX X 7 R
FLEXIBLE RAPID SET TILE ADHESIVE

DESCRIPTION

Rapid setting, versatile adhesive for internal and external floor & wall applications. Water content can be adjusted to produce either a semi-pourable consistency ideal for solid bed fixing large format floor tiles, or slump-free for wall tiling. Allows tiles to be grouted and trafficked in just 2 hours!

SUITABLE TILES
Ceramic, porcelain, glass mosaic, terrazzo, brick slips and non-moisture sensitive natural stone

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

BED THICKNESS
1-6mm

POT LIFE
30 minutes

OPEN TIME
Grey - 20 minutes
White - 30 minutes

ADJUSTMENT TIME
20 minutes

GROUT AFTER
2 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Grey - ARDEX X 7 R
White - ARDEX X 7 R W

PACK SIZE
20kg bag

COVERAGE
4.7m^2 per bag at 3mm thickness

For rapid set grouting, follow with **ARDEX-FLEX FL** Tile Grout

REACTION RESIN ADHESIVE

Tile direct to problematic substrates

ARDEX X 60 PU FLEX

POLYURETHANE REACTION RESIN TILE ADHESIVE

DESCRIPTION

Two-part polyurethane adhesive for fixing tiles to problematic substrates such as fibreglass (GRP), steel and PVC coverings, without priming. It's also suitable for moisture-sensitive materials, making it ideal for use with natural stone tiles and over substrates such as plywood, plasterboard and particle board. It is easy to apply and requires no special tools.

SUITABLE TILES
All tile types including vitrified porcelain and agglomerate and natural stone

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

BED THICKNESS
1-5mm

POT LIFE
45 minutes

OPEN/ADJUSTMENT TIME
60 minutes

GROUT AFTER
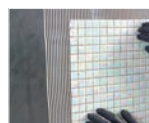3 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
White

PACK SIZE
3kg metal container

COVERAGE
$2m^2$ per container using a 3mm x 3mm notch trowel

STEEL   **PVC COVERINGS**   **EXISTING TILES**   **FIBREGLASS (GRP)**

EASY APPLICATION & NO SPECIAL TOOLS REQUIRED

1

Add half of PART B to PART A.

2

Mix with a drill and paddle on a slow speed.

3

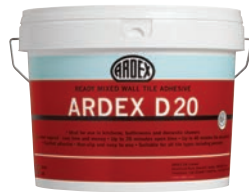When fully mixed, add the remainder of PART B to the mix.

4

Continue mixing until a uniform coloured paste is achieved.

READY MIXED ADHESIVE

For quick and convenient tiling

ARDEX D 20

READY MIXED WALL TILE ADHESIVE

DESCRIPTION

Ready mixed adhesive for fixing ceramic tiles and mosaics in kitchens, bathrooms and domestic showers. Priming is not required, and it is slump-free and easy to apply.

SUITABLE TILES
Mosaics and ceramics up to 300mm x 300mm, porcelain up to 150mm x 150mm and porous bodied tiles when fixing tile-on-tile

SUITABLE FOR EXTERNAL USE OR WET AREAS
In domestic showers only

BED THICKNESS
1-3mm

OPEN TIME
20 minutes

ADJUSTMENT TIME
40 minutes

GROUT AFTER
24 hours

PACK SIZE
10 litre tub

COVERAGE
$10m^2$ per tub at 1mm thickness

Upgrade to **ARDEX X 77** to fix large format tiles including porcelain, and for an extended open time of up to 60 minutes!

Blended to a uniform colour, ensuring a consistent, streak-free finish

ARDEX-FLEX FS

FLEXIBLE STANDARD SET TILE GROUT FOR NARROW JOINTS

DESCRIPTION

Water-repellent and dirt resistant flexible grout for wall and floor tile joints up to 4mm wide. Blended to a uniform colour, ensuring a consistent, streak-free finish. Suitable for commercial and domestic locations including swimming pools, showers and kitchens. Easy to apply and clean off the surface of the tile.

SUITABLE TILES
Porcelain, ceramic, quarry tiles, extruded tiles and glass mosaics

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

JOINT WIDTH
Up to 4mm

POT LIFE
2½ hours

WALKABLE AFTER
5 hours

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
35 colours

PACK SIZE
2.5kg and 10kg bags

NARROW JOINTS

ARDEX-FLEX FL

FLEXIBLE RAPID SET TILE GROUT FOR WIDE JOINTS

RAPID SETTING

DESCRIPTION

Rapid setting tile grout for wall and floor joints 3-15mm wide. Tiles can be trafficked after just 90 minutes. Blended to a uniform colour, ensuring a consistent, streak-free finish. Suitable for commercial and domestic locations including swimming pools, showers and kitchens. Easy to apply and clean off the surface of the tile.

SUITABLE TILES
Porcelain, ceramic, quarry tiles, extruded tiles and glass blockwork

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

JOINT WIDTH
3-15mm

POT LIFE
30 minutes

WALKABLE AFTER
90 minutes

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
35 colours

PACK SIZE
2.5kg and 10kg bags

WIDE JOINTS

and **order colour samples online at www.ardex.co.uk**

EPOXIDE GROUT

For hygienic joints and reduced maintenance requirements

ARDEX EG 8 PLUS

EASY APPLY & CLEAN EPOXY TILE GROUT & ADHESIVE

DESCRIPTION

ARDEX EG 8 PLUS combines the chemical resistance of epoxy-based grouts with the ease of application of cement-based grouts. It promotes a reduced maintenance schedule and is ideal for use in areas where high standards of hygiene are required. It requires no special tools and can be cleaned off the tile surface up to 60 minutes after application.

SUITABLE TILES
Most tiles including ceramics, porcelain, glass mosaics, quarry tiles etc

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

JOINT WIDTH
1-6mm

POT LIFE
60 minutes

WALKABLE AFTER
12 hours

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
4kg tub

ALL THE BENEFITS OF EPOXY GROUTS WITH EASY APPLICATION & WASH OFF PROPERTIES

AVAILABLE IN 5 COLOURS*

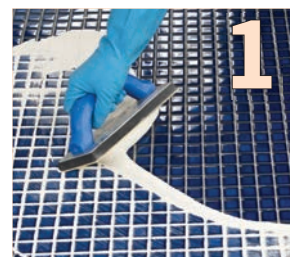| White | Grey | Silver Grey | Bahama Beige | Anthracite |

*Due to the printing process, all colours are approximate.

Easy Application

Tools required

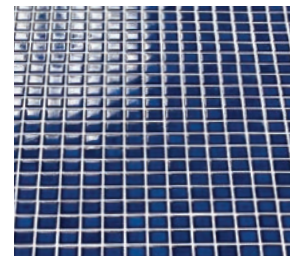Apply ARDEX EG 8 PLUS with a standard squeegee

Remove excess ARDEX EG 8 PLUS from the surface

Wash any residue off the face of the tiles when slightly hardened in the joints, and up to 60 minutes after application

Clean down the tile surface to remove emulsified residues

Finished application

ARDEX MG
FLEXIBLE RAPID SET TILE & STONE GROUT

DESCRIPTION

Contains ARDEX 'RAPIDRY FORMULA' Technology to bind the mix water within the grout and virtually eliminate the risk of staining in marble and moisture sensitive natural stone.

SUITABLE TILES
Moisture and non-moisture sensitive natural stone, agglomerated stone, porcelain, mosaics, fully vitrified and ceramic tiles

SUITABLE FOR EXTERNAL USE OR WET AREAS
No

JOINT WIDTH
Up to 8mm

POT LIFE
30 minutes

WALKABLE AFTER
90 minutes

USE WITH UNDER TILE HEATING
Yes

PACK SIZE
11kg bag

RAPIDRY
FORMULA

AVAILABLE IN 5 COLOURS*

White	Light Grey	Dark Grey	Sandstone	Limestone

*Due to the printing process, all colours are approximate.

ARDEX ST
NEUTRAL CURE ELASTIC SILICONE SEALANT

DESCRIPTION

Weather, water, UV-radiation and chemical resistant elastic silicone sealant for movement joints, corner and connecting joints in bathrooms, showers and living areas, and doors and windows abutting tiles. Contains fungicide to prevent the growth of fungi and moulds. Suitable for use with most surface finishes, including moisture sensitive natural stone.

SUITABLE SUBSTRATES
Glazed and unglazed tiles including natural stone, enamel, glass, acrylic, anodized aluminium, plastics, laminated kitchen work boards, thicker varnishes and wood

SUITABLE FOR EXTERNAL USE OR WET AREAS
Yes

SKIN FORMING TIME
5 minutes

USE WITH UNDER TILE HEATING
Yes

COLOURS AVAILABLE
Transparent & 13 colours

PACK SIZE
310ml cartridge

COVERAGE
9m per cartridge with 6mm x 6mm bead

AVAILABLE IN TRANSPARENT & 13 COLOURS DESIGNED TO MATCH THE MOST POPULAR ARDEX-FLEX TILE GROUT COLOURS

ARDEX FLEX TILE GROUT & SILICONE COLOUR GUIDE*

01 Available in ARDEX ST
Brilliant White

02
Blossom White

03 Available in ARDEX ST
Antique Ivory

04 Available in ARDEX ST
Spring Jasmine

05
Gentle Dawn

06 Available in ARDEX ST
Natural Almond

07
Classic Vanilla

08 Available in ARDEX ST
Floating Driftwood

09
Fresh Snowdrop

10
Gentle Blush

11
Stone Beach

12
Barley Sugar

13
Fresh Magnolia

14
Wild Mushroom

15
Oyster Pink

16
Organic Earth

17 Available in ARDEX ST
Dove Grey

18 Available in ARDEX ST
Silver Shimmer

19 Available in ARDEX ST
Ocean Grey

20 Available in ARDEX ST
Slate Grey

21
Pebble Drift

22
Grey Dusk

23 Available in ARDEX ST
Stormy Mist

24 Available in ARDEX ST
Cast Iron

25 Available in ARDEX ST
Innocent Black

26 Available in ARDEX ST
Coffee Bean

27
Ground Cocoa

28
Burnt Orange

29
Winter White

30
Spring Green

31
Summer Yellow

32
Autumn Red

33 NEW
Weathered Ash

34 NEW
Woodland Taupe

35 NEW
Pecan Syrup

*Due to the printing process, all colours are approximate.

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

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ARDEX UK**

**Follow us on Twitter
@ARDEXUKTiling**

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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Email: **technical_admin@ardex.co.uk**

Post: **Technical Services Department
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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 recently refurbished 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.ardexcpdacademy.com

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

NOTES