



**SCREEDS • RENDERS • WATERPROOFING • TILE ADHESIVES • GROUTS**

# SWIMMING POOL SPECIALISTS

# The Complete System for ARDEX Swimming Pool Installations

ARDEX offer a complete system approach for the installation of swimming pools, from rapid drying floor screeds that ensure the perfect sub-floor to tile onto, to high performance tile adhesives and grouts.

## Walls – Preparation

- ① For sand/cement renders, use ARDEX ABACRETE to improve bonding strength and water resistance.
- ② ARDEX AM 100 is recommended for use as a wall render prior to tiling. ARDEX AM 100 can be applied from 2-20 mm thick and tiling can commence after 2 hours at 20°C.

## Floors – Preparation

- ① For sand/cement screeds, use ARDEX ABACRETE to improve bonding strength and water resistance.
- ② ARDEX A 38 Screed to make up a concrete base for a 15-50 mm bonded screed, to receive tiles after 4 hours.

## Walls and Floors – Waterproofing

Use ARDEX WPM 109 waterproof coating to ensure your swimming pool is water tight and free from leaks. Install ARDEX DECKWEB to help built membrane thickness in critical areas like cracks, wall floor functions, movement joints and corner/coving areas.

## Tile Fixing Walls and Floors

- ① Ensure solid bedding of the tiles is achieved when fixing mosaics or floor tiles using ARDEX X 77 MICROTEC adhesive
- ② A rapid setting solution ARDEX QUICKBOND with ARDEX ABALASTIC to allow grouting after 3 hours at 20°C.

## Grouting Walls and Floors

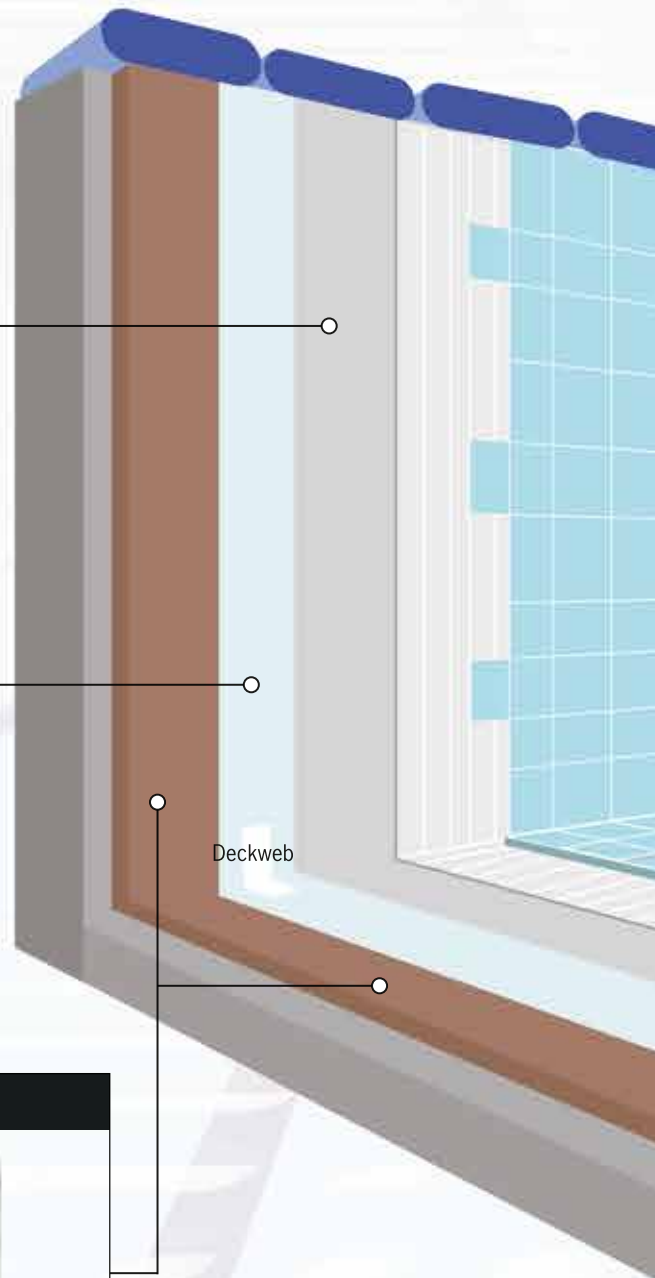
For areas where chemical resistance and hygienic joints are required, use ARDEX EG 15 high performance epoxy grout.



**ARDEX WPM 109**  
Highly flexible cement based waterproof coating



**ARDEX WPM 265**  
Sheltercoat waterbased primer



Option 1: Admixture /Bonding Agent for Sand/cement Screeds and Render



**ARDEX ABACRETE**  
Bonding agent for use with sand/cement screeds and renders

or

Option 2: Wall and Floor  
Rapid Solution



**ARDEX AM 100**  
Rapid hardening one coat tiling render



**ARDEX A 38**  
Rapid hardening and drying cement for floor screeds in internal or external locations

# Swimming Pool Repair and Refurbishment

The refurbishment or repair of a swimming pool is the most cost effective way to return it to its original condition, and ARDEX products facilitate the rapid repair of damage to loose tiles or leaks to small areas, or the re-tiling of entire pools without the expense of a new installation. Repair and Refurbishment – The ARDEX Tile on Tile Solution

## STEP 1:

Assess the pool and pool area, checking for loose tiles or areas for damage.

## STEP 2:

Fill any gaps, holes or areas of damage with ARDEX A 46 to give a flat even surface to tile onto.

## STEP 3:

Roughen the surface and use ARDEX Degreaser to thoroughly clean the existing tiled surface, prior to fixing the new tiles, to ensure the surface is free from contamination that may impair adhesion.

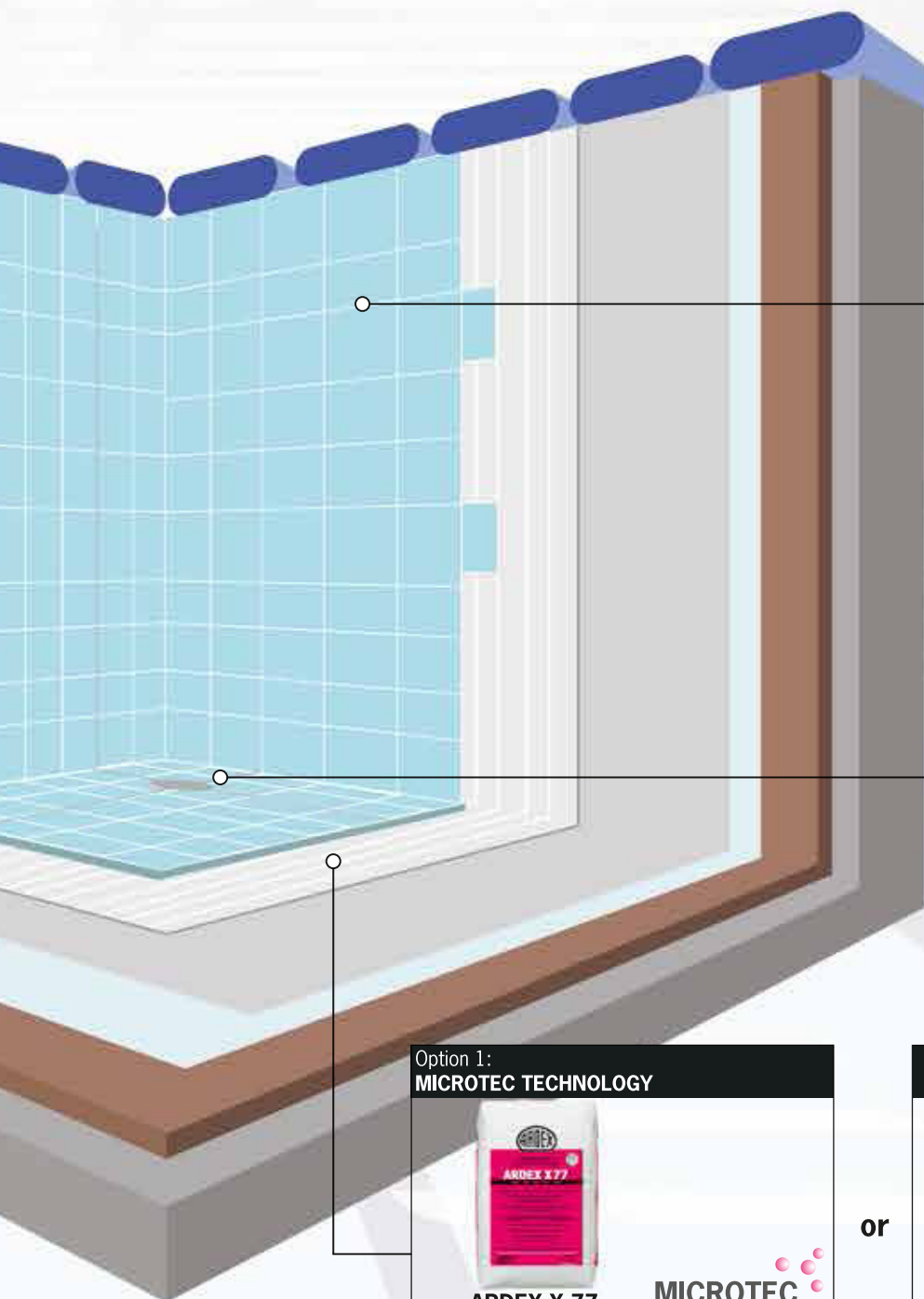
## STEP 4:

Fix the tiles with ARDEX QUICKBOND + ARDEX ABALASTIC to give the additional adhesion properties required in wet location.

## STEP 5:

ARDEX EG 15 is available in 8 colours to complete the refurbishment project.

For further information and advice please contact our Sales / Technical Services Department.



**ARDEX EG 15**  
Easy to use epoxy grout and adhesive



**ARDEX ST**  
Neutral cure and non staining natural stone silicone

### Option 1: MICROTEC TECHNOLOGY



**ARDEX X 77**  
MICROTEC® Flexible Floor and Wall Tile Adhesive

**MICROTEC**  
TECHNOLOGY

or

### Option 2: Rapid Solution

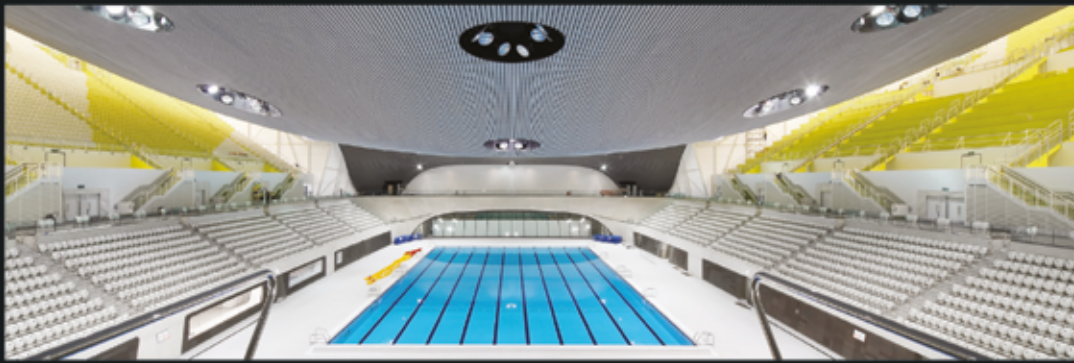


**ARDEX QUICKBOND**  
Quick Setting Tile Adhesive

+



**ARDEX ABALASTIC**  
Liquid Polymer Additive For ARDEX Cement-based Adhesives and compound



## PREPARATION



### ARDEX A 38

- Rapid dry - Receives ceramic and nature stone tiles after 4 hours
- Rapid hardening – walkable in 3 hours
- Can be pumped for fast application



### ARDEX AM 100

- Rapid hardening – tiles can be fixed after 2 hours
- Apply 2-20 mm in a single application
- Water and weather resistant



### ARDEX ABACRETE

- Improves greatly shear and tensile bond strength
- Improves water resistance
- Accommodates thermal movement

## TILE ADHESIVES



### ARDEX X 77

- Double extended open time and slump resistance
- Ideal for swimming pools and wet area
- Excellent application properties and high yield

MICROTEC  
TECHNOLOGY



### ARDEX ABALASTIC

- Provide extra bonding capacity for dense bodied tiles.
- Ideal when used on substrates subject to limited movement
- Improves water resistance enabling adhesive in external uncovered applications



### ARDEX QUICKBOND

- Fast setting properties – grout after 2 hours
- Minimal shrinkage – reduces stress on tiles
- Ideal for natural stone, mosaic, porcelain

## GROUTS



### ARDEX EG 15

- Idea for use in wet areas
- Use as a grout for joint 1.5 mm to 15 mm easy apply and clean off
- High standards of hygiene, chemical resistance and cleanliness



### ARDEX ST

- UV and weather resistant
- Water resistant – suitable for wet areas and underwater joints
- Contains fungicides to combat mold growth

## WATERPROOFING



### ARDEX WPM 109

- Can bridge over cracks
- Bonds to green concrete
- Durable and UV resistant



### ARDEX WPM 265

- Create a positive bond between the substrate and most water based coatings.

### DISCLAIMER

The details, recommendations and other information contained in this brochure are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable government standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealing or are otherwise available to you on request. You should familiarise yourselves with them.

### ARDEX SINGAPORE PTE LTD

26 Tuas Avenue 4, Singapore 639376  
Tel +65 6861 7700 • Fax +65 6862 3381  
sales@ardex.com.sg • www.ardex.com.sg

### ARDEX MANUFACTURING SDN BHD (669180-X)

No. 19-1, Jalan Puteri 2/2, Bandar Puteri  
47100 Puchong, Selangor Darul Ehsan, Malaysia  
Tel +603 8060 1139 • Fax +603 8060 0719 • Email sales@ardex.com.sg

### ARDEX (THAILAND) CO., LTD

969 Moo 13, Soi 45, Bangna-Trad Road  
Bangkaew, Bangplee, Samutprakarn 10540, Thailand  
Tel +66 2316 3069 • Fax +66 2316 3075 • Email sales@ardex.co.th

### VIETNAM

HP +84 901 351 308  
Email sales@ardex.com.sg