



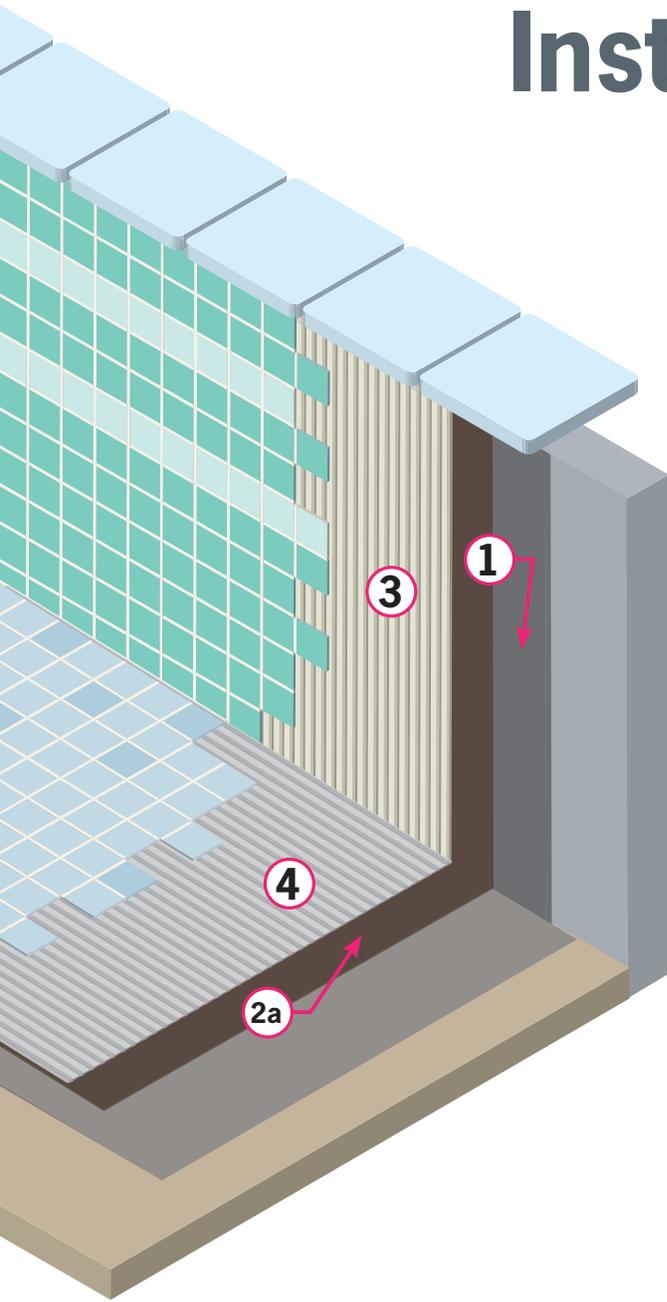
Swimming Pool Tile Installation Guide

systemONE[™]
warranty



tile & stone
Installation Systems

The ARDEX Pool Installation System



WALLS – SMOOTHING AND REPAIR

Use ARDEX AM 100™ as a wall smoother prior to tiling. ARDEX AM 100 can be applied from 1/4" (6 mm) to 1 1/4" (32 mm) in just one coat and tiling can begin after 2 hours at 70°F (21°C).

FLOORS – PREPARATION

The diagram (opposite page) shows the use of ARDEX A 38™ to make up screed levels to falls, if required, on a concrete base prior to ceramic floor tiling. For bonded applications, use ARDEX E 100™ with ARDEX A 38 or ARDEX A 38 MIX™.

WALLS AND FLOORS – WATERPROOFING AND CRACK ISOLATION

Use ARDEX 8+9™ (3 coats) or ARDEX TLT 716™ (1 layer) to ensure your swimming pool is watertight and free from leaks. Apply to walls and floors prior to tiling. Use ARDEX SK MESH™ Reinforcement Fabric with ARDEX 8+9™ and ARDEX TLT™ Seam Tape with ARDEX TLT 716™ Waterproofing Membrane and Vapor Retarder. Use ARDEX SK DRAIN™ Mesh Reinforcement Fabric for Drain Tie-Ins where required.

WALLS – TILE INSTALLATION

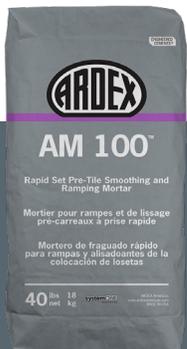
Install wall tiles with ARDEX X 77™ MICROTEC® for a strong, durable, long-lasting bond.

FLOORS – TILE INSTALLATION

Ensure solid bedding of the tiles is achieved when fixing mosaics or floor tiles with ARDEX X 78™ MICROTEC® or ARDEX X 65™ Lite.

GLASS TILE INSTALLATION – WALLS AND FLOORS

When installing glass tile in a pool, or any submerged application, use ARDEX 100% Solids Epoxy Adhesive to set the tiles. If glass tile is to be installed along the water line only, ARDEX X 77™ MICROTEC® with ARDEX E 90™ Mortar Admix can be used for this application.



1 ARDEX AM 100™
Rapid Set Pre-Tile Smoothing
and Ramping Mortar



2a ARDEX 8+9™
Rapid Waterproofing and
Crack Isolation Compound



2b ARDEX TLT 716™
Waterproofing Membrane
and Vapor Retarder for Tile
& Stone Installations



3 ARDEX X 77™ MICROTEC®
Fiber Reinforced Tile and Stone Mortar



GROUTING WALLS AND FLOORS

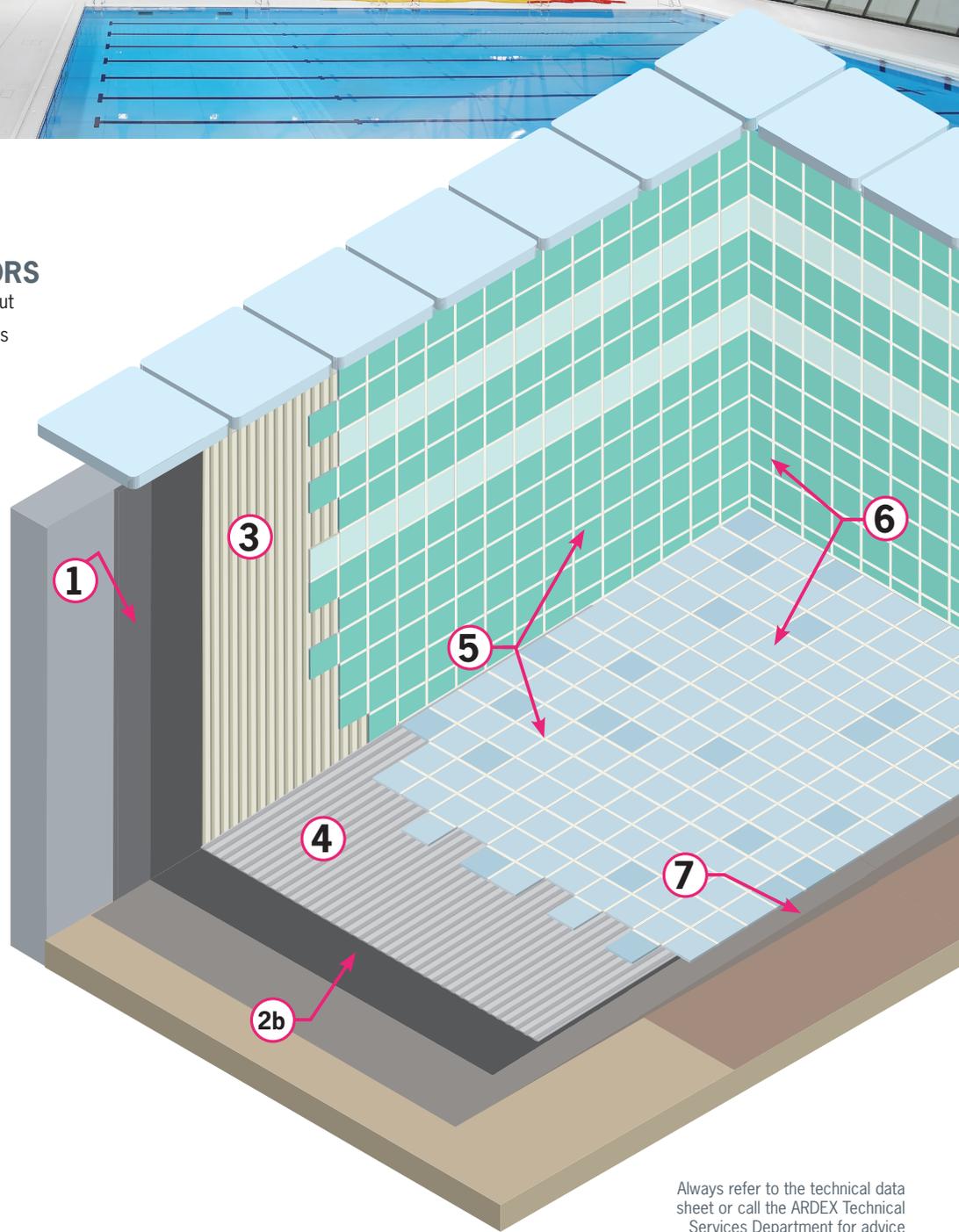
1. ARDEX FL™ Rapid Set, Flexible, Sanded Grout
2. ARDEX WA™ High Performance, 100% Solids Epoxy Grout and Adhesive



5. ARDEX FL™ Rapid Set, Flexible, Sanded Grout



6. ARDEX WA™ High Performance, 100% Solids Epoxy Grout and Adhesive
For grout joints on floors or walls up to 1/2" (12 mm)



Always refer to the technical data sheet or call the ARDEX Technical Services Department for advice at (888) 512-7339.



4. ARDEX X 78™ MICROTEC® Semi-Pourable Tile and Stone Mortar
ARDEX X 65™ Lite Lightweight Universal Tile and Stone Mortar



7. ARDEX A 38™ Rapid-Set Screed
ARDEX A 38™ MIX Rapid-Set Premixed Screed
ARDEX E 100™ Screed Improvement and Bonding Slurry Additive



- ARDEX 100% Solids Epoxy Adhesive

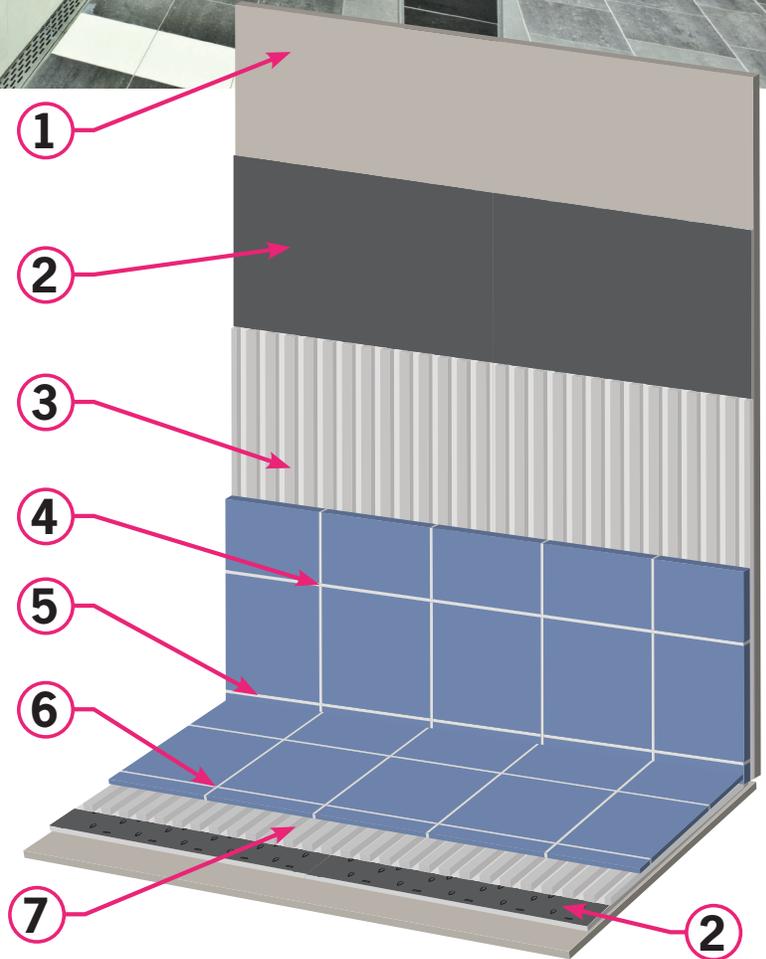


Commercial Steam Showers, Locker Rooms, Gang Showers

Many locker rooms are now including in floor heating in the specifications. ARDEX Liquid BackerBoard®, ARDEX A 38™ and ARDEX A 38 MIX™ Rapid Set Screed can be used over in floor heating in wet areas.

Installation of steam showers, locker rooms and gang showers require the substrate to have top side waterproofing to protect against leakage and disbonding of the tiles. ARDEX TLT 716™ is the optimal sheet waterproofing option for use in showers, wet areas and as a vapor retarder for commercial steam rooms. ARDEX 8+9 is a fast, easy, two component, cement based compound perfect for showers, wet areas and residential steam showers.

- 1 ARDEX AM 100™
- 2 ARDEX TLT 716™
- 3 ARDEX X 77™ MICROTEC®
- 4 ARDEX FL™
- 5 ARDEX SX™
- 6 ARDEX WA™
- 7 ARDEX X 78™ MICROTEC®



The information supplied in ARDEX literature or given by ARDEX employees is based upon extensive experience and, together with that supplied by ARDEX distributors, is given in good faith in order to help you. ARDEX guarantees the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof. For detailed information and advice please visit www.ardexamericas.com or call our Technical Services Department at (888) 512-7339.

ARDEX SystemOne™ Warranty available for Swimming Pool Installations!

When used for a pool system, all ARDEX products are covered under the SystemOne™ warranty tile & stone, providing industry-best, comprehensive coverage.

*For questions regarding salt water pool installations, please contact the ARDEX Technical Services Department at (888) 512-7339.

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400 ARDEX Park Drive | Aliquippa, PA 15001
www.ardexamericas.com | 888-512-7339