

5 STEP USER APPLICATION GUIDE



Flexible Rapid Drying Waterproof Protection Coat that is simple to apply with a roller, brush or trowel prior to tiling and is perfect for commercial and domestic:

- kitchens
- power showers and bathrooms
- wet rooms



**HIGH PERFORMANCE
TILING AND FLOORING PRODUCTS**



Tile 2 hours after application of second coat!



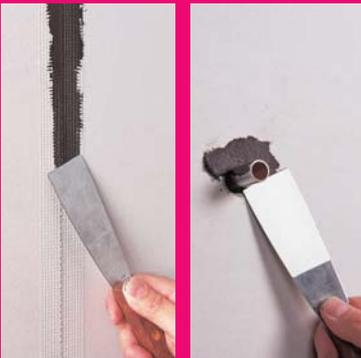
ARDEX WATERPROOF PROTECTION SYSTEM



1 Ensure that you have the appropriate tools and sufficient ARDEX WPC to cover the intended area. For coverage information refer to the technical data overleaf. The surface to be tiled must be dry, rigid, of sufficient strength and free from dust, grease, dirt, etc. Apply at temperatures above 5°C.



2 **MIX NUMBER ONE** Mix a small amount of ARDEX WPC to a slump free consistency for filling holes, gaps, joints etc. For application by spatula, pallet knife or trowel, mix approximately 1.75kg ARDEX WPC liquid with 2.5kg ARDEX WPC powder per m² at 3mm thickness, i.e 4.25kg of Mix No.1 per m² at 3mm. The working time is approximately 45 minutes at 20°C.



3 Reinforce joints that tend to crack with the ARDEX self adhesive mesh scrim. Apply the mixed ARDEX WPC (MIX No.1) with a spatula, pallet knife or trowel to seal joints in corners and fill holes and gaps around pipes, etc. N.B. The mesh scrim should be applied prior to the application of Mix No.1.



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**MIX
NUMBER
TWO**

Mix approximately 0.75kg ARDEX WPC liquid with 0.75kg ARDEX WPC powder per m² at 0.8mm thickness to obtain a flowing consistency. Apply this Mix No.2 evenly with a brush or paint roller to cover the surface with a uniform coat. A second coat should be applied approximately 1 hour after the first to obtain an effective waterproof protection layer of at least 0.8mm thickness. ARDEX WPC will dry to a dark brown flexible coating.



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Ceramic tiles etc, can be fixed onto the second coat of ARDEX WPC after approximately 2 hours.

ARDEX D 30 Ready Mixed Wall Tile Adhesive is ideal for fixing wall tiles onto ARDEX WPC (refer to the ARDEX D 30 Data Sheet for further guidance*). Alternatively, use ARDEX X 7 G PLUS, ARDEX X 7 R or any of the ARDEX-FLEX cement-based adhesives directly onto the ARDEX WPC when fixing glass mosaics, porcelain or highly vitrified ceramic tiles with smooth dense backs, etc.



The tile bed should be sufficiently firm and free of excess adhesive prior to grouting with ARDEX-FLEX FS Flexible Tile Grout with Built-In Admix for tile joint widths up to 4mm wide or ARDEX-FLEX FL Rapid Setting Flexible Cement-Based Grouting Compound for tile joints from 3-15mm wide. If further colours are required, please consult the ARDEX C 2 data sheet*.

ARDEX WPC can also be used to stop the penetration of moisture into concrete or cement and sand screeds. The floor tiles can then be fixed with the appropriate ARDEX or ARDEX-FLEX adhesive and grouted with ARDEX-FLEX grout.

*For the latest technical or health and safety information on this product consult the current technical or health and safety data sheet via

ARDEX online: www.ardex.co.uk



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- Density**
-  Trowel application approximately 1.4kg/litre.
-  Roller/brush application approximately 1.3kg/litre.
- Pot Life of mixed material:** Approximately 45 minutes at 20°C.
- Time between coats:** 1 hour at 20°C.
- Fixing of tiles:** 2 hours after applying final coat at 20°C.
- Coverage:**
-  Application by spatula, pallet knife or trowel. Approximately 1.75kg ARDEX WPC liquid + 2.5kg ARDEX WPC powder per m² at 3mm thickness i.e. 4.25kg of Mix No.1 per m² at 3mm.
-  Application by brush/roller. Approximately 0.75kg ARDEX WPC liquid + 0.75kg ARDEX WPC powder per m² at 0.8mm thickness i.e. 1.5kg of Mix No.2 per m² at 0.8mm or 6.6m² per 10kg unit at 0.8mm.
- Packing/Storage:**
- ARDEX WPC liquid is in polyethylene containers - net weight 5kg. Protect from frost and direct sunlight.
- ARDEX WPC powder is packed in paper sacks incorporating a polyethylene liner - net weight 5kg. Store in dry conditions.
- Storage life:** ARDEX WPC liquid and powder has a storage life of not less than 12 months in the original unopened containers.
- Health & Safety Guidance:**
- Store dry, out of direct sunlight and protect from frost. Contains Portland cement. R36 Irritating to eyes.
S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.

ARDEX materials are also manufactured in Australia, Austria, Denmark, Germany, Spain, U.S.A., and represented throughout the world.

NOTE: The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development: we therefore reserve the right to update this information at any time without prior notice. We also guarantee 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 further technical information consult:

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TILING AND FLOORING PRODUCTS



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