Edition: 2026-08-20

ARDEX WPM 006

TYPE II

Flexible – Accommodates normal building movement.

Designed for tiling systems – Fully compatible with ARDEX range cement based tile adhesives.

Breathable – Permits the escape of moisture vapors from the substrate

High Bonding strength – Excellent adhesion to most substrates

Easy to apply – Seamless, simply apply by roller or brush

ARDEX HONGKONG LTD
Unit D, 16/F, CNT Tower,
No.338 Hennessy Road,
Wan Chai, Hong Kong
TEL: 852-25296325
FAX: 852-25298615

SH Ofice:
ARDEX (SHANGHAI) CO., LTD
4F, Building 2, No. 481,
Guiping Rd.,
Shanghai, China
TEL: 86-21 64161800
P.C.: 200233

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DESCRIPTION

ARDEX WPM006 (Type II) is a two component highly flexible, under tile waterproofing membrane formulated to provide a tough, watertight lining for wet areas such as bathrooms, balcony, terrace and showers.

ARDEX WPM006 is designed for under tile waterproofing applications e.g. internal wet areas, showers, kitchens, laundries, even in conditions of permanent immersion area such as swimming pools, water tank when used as an under-tile water-proofing membrane. It can be used over concrete, cement, render, screed and most of the light weight partition board or panels provided these are tiled over or render / screed protected.

AREAS OF APPLICATION

Internal & external; Residential & Commercial; Walls, floors; Substrates: Fully cured concrete, render/ screed, wet area grade fibre cement sheets, set plaster, plasterboard, plywood, particle- board etc.

SUBSTRATE PREPARATION

The surface to be coated should be dry, clean, sound and free from oil, grease, laitance and flaking paint. The surface should also be free from sharp protrusions (nails etc).

New concrete should be left for a minimum of 28 days before appli- cation commences. Dense concrete (>40MPa) and steel trowelled concrete should be roughened by suitable mechanical means. All floor areas must have adequate falls to waste. All cracks or holes >2mm must be repaired before application commences. For cracks between 2-6 mm fill with a neutral cure sealant. Extend the sealant 5mm each side of the joint. Apply the first coat of ARDEX WPM006 along the crack. Place a reinforced fabric while the first coat is still wet, and follow imm-ediately with the second coat. For cracks>6mm contact your ARDEX representative.

PRIMING

Apply one coat of ARDEX P51(1:3) primer or ARDEX P 60 to the prepared surface, allow to dry before applying membrane.

Relevant building codes must be considered.

MIXING

0.6(liquid): 1 (powder) ratio by weight

INSTALLATION

Where movement will occur- floor/wall junction, expansion joints, hairline cracks,

apply a bead of neutral cure silicone sealant or a foam backing rod covered with a bond breaker tape.

For shower recess floors where a puddle drainage flange has been used, seal the perimeter with neutral cure silicone and lap the membrane into the flange area, preferably using ARDEX WP Tape. If a flange is not used, the internal of the waste pipe should be primed with plumbers cement and membrane, preferably with reinforcement, must be applied down into the waste pipe.

Apply the first coat using a roller or paint brush. Allow to dry for 6-8 hours (or until it is dry). Apply the second coat, in the opposite direction to the first, at the same coverage rate. Check the final coat for pinholes.

In balcony situations extend the membrane up underneath the flashing.

Product limitation

- Do not use ARDEX WPM 006 in areas subject to negative hydrostatic pressure or rising damp
- Do not apply where surface temperature is below 10°C or above 35°C
- Do not apply over timber decks.

CURING & DRYING TIMES

Tiling can commence when the membrane is totally dry (48 hours at 23°C, longer time needed if temperature is low or humidity is higher than 50% RH). Showers should not be used until full cure is reached (3 days at 23°C and 50% RH).

CLEAN

Clean up tools with water before the com- pound dries.

COVERAGE

About 2.1kg/m^2 (assuming 1.0mm dry film)

PACKAGING

15kg Liquid + 25 kg powder / set

STORAGE & SHELF LIFE

12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

TECHNICAL DATA

In Accordance with ARDEX Quality Standards

Powder Appearance	Grey, creamy
	slurry when mixed

Wet-Fresh-Mixed Mortar

Mixed Density	approx. 1.69kg/L
Mixed Volume Solids	approx. 82%
Recoat	6-8 hours (23°C and 50% RH)
Tile after	48 hours (23°C and 50% RH)
Pot life	1 hour (23°C and 50% RH)

Cured Mortar

In accordance with Chinese standard GB/T23445-2025 (Type II)

Tensile strength

Original	≥ 1.8 MPa
Heating	≥80% of the original strength
Alkaline	≥70% of the original strength
Water immersion	≥70% of the original strength

Elongation at break

Original	≥80%
Heating	≥65%
Alkaline	≥65%
Water immersion	≥65%

Bonding strength

Original	≥0.7MPa
Wet substrate	≥0.7MPa
Alkaline	≥0.7MPa
Water immersion	≥0.7MPa

Water tightness (0.3MPa, 30min)	Watertight
Water permeability (back side)	≥0.6MPa

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.
Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations.