



# ARDEX 8+9

## Flexible Rapid Drying Waterproof Protection Coating

- Tile after 90 minutes
- Quick and easy to apply with a roller, paint brush or trowel
- Ideal for wet rooms, power showers and bathrooms
- Mix can be adjusted to a slump-free consistency for filling holes and gaps, or a free-flowing consistency for general application
- Waterproofing, tiling and grouting can be completed in one day
- Highly flexible \*

\* At least 0,75 mm crack bridging ability at -20°C



### DESCRIPTION

ARDEX 8+9 is a cement based, rapid drying waterproof protection coatings that allow tiling to commence after just 5 hours. With an adjustable mix ratio, ARDEX 8+9 can be used to fill holes, gaps and joints, as well as for general waterproofing application.

### USE

ARDEX 8+9 is used to waterproof backgrounds such as cement or gypsum plaster, plasterboard or wood-based materials prior to fixing tiles in domestic or commercial kitchens, showers and bathrooms.

**NOTE:** The use of timber-based sheets and boards should be avoided if at all possible in wet locations. Ideally, they should be replaced or oversheeted with plasterboard prior to applying ARDEX 8+9. Timber-based sheets or boards are not recommended for use in commercial showers etc.

**NOTE:** Concrete floors and cement/sand screeds may also be protected from the ingress of surface water by the application of 8+9

### PREPARATION

Surfaces must be dry, rigid, sound and free of oil, dust, dirt or other barriers to adhesion. Gypsum plaster must be dry and of adequate strength to support the weight of the tiling. Any boarded background must be able to support the tiles, and be rigidly and securely fixed with closely spaced screws

**NOTE:** Moisture sensitive backgrounds should be protected from moisture ingress from behind i.e. external walls should be of a cavity type or suitably protected solid single skin construction.



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EN 14891:2012

### ARDEX 8+9

Cementitious liquid-applied water impermeable product with improved crack bridging ability at vert low temperature (-20 °C) and resistant to contact with chlorinated water (bonded with a C2 adhesive in accordance with EN 12004)

EN 14891: CM 02P

Initial tensile adhesion strength	≥ 0,5 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion	≥ 0,5 N/mm <sup>2</sup>
Tensile adhesion strength after heat aging	≥ 0,5 N/mm <sup>2</sup>
Tensile adhesion strength after freeze-thaw cycles	≥ 0,5 N/mm <sup>2</sup>
Tensile adhesion strength after contact with lime water	≥ 0,5 N/mm <sup>2</sup>
Water Impermeability	No penetration
Tensile adhesion strength after contact with chlorinated water	≥ 0,5 N/mm <sup>2</sup>
Crack bridging ability in standard conditions	≥ 0,75 mm
Crack bridging ability at low temperature (-5°C)	≥ 0,75 mm
Crack bridging ability at low temperature (-20°C)	≥ 0,75 mm



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# ARDEX 8+9

## Flexible Rapid Drying Waterproof Protection Coating

### MIXING

#### Mix One - Trowelable Consistency

A slump-free, trowelable paste to seal internal corners between walls, fill holes and plug joints and gaps around pipes, baths and showers is produced by mixing the two components in the ratio of: 0.7 parts ARDEX 8 Liquid to 1 part ARDEX 9 Powder by weight, that is 17.5kg liquid per 25kg powder.

#### Mix Two - Flowing Consistency

A flowing consistency for application by brush or paint roller is produced by mixing the two components in the ratio of: 1 part ARDEX 8 Liquid to 1 part ARDEX 8 Powder, that is 25 kg liquid per 25 kg powder.

The mixed ARDEX 8+9 has a pot life of approximately 45 minutes at 20°C. This time will be shortened at high temperatures and extended at low temperatures. Once the mixed material begins to set and thicken, discard the material and do not add extra ARDEX 8 Liquid.

### APPLICATION

Use Mix One for application with a spatula, pallet knife or trowel for sealing joints in corners and filling holes and gaps around fixtures, pipes, etc., prior to applying two coats of Mix Two. Where joints tend to crack, they should be reinforced with ARDEX Mesh Scrim Tape prior to applying Mix One. To fill uneven areas with a trowel, a single application of Mix One, at least 3mm thick, is required to obtain an effective waterproof protection coat (no overcoating with Mix Two is necessary).

Mix Two should be used to give a complete coating on the surface, applying it evenly with a paint brush or roller, and working the material well into the corners with a brush. To obtain an effective waterproof protection layer, a second coat will be necessary and the total thickness should be at least 0.8mm. The second coat of Mix Two can be applied approximately 2 hours after the first coat. Ceramic tiles, mosaics, etc., can be fixed onto the second coat after approximately 2-3 hours at 20°C.

Do not apply ARDEX 8+9 at temperatures below 5°C. The drying time will be shortened at high temperatures and extended at low temperatures.

### TILE FIXING

Tiles can be fixed with an ARDEX Cement Based Tile Adhesive e.g. ARDEX MICROTEC X 7 G or ARDEX FB 9 L, and grouted with ARDEX FG FLEX Flexible Tile Grout. Alternatively, for areas where chemical resistance and hygienic joints are required, ARDEX RG 12 1-6 Epoxide Tile Grout should be used.

### NOTES

FOR PROFESSIONAL USE ONLY.

All tools should be cleaned with water immediately after use. ARDEX 8+9 is not recommended for roofing applications or as exterior primary waterproofing over indoor spaces.

As always, ARDEX recommends the installation of test areas to confirm the suitability of the product for the intended use.

Never mix with cement or additives other than ARDEX approved products. Observe the basic rules of tile work.

Do not install below 5°C surface temperature.

Prefer to use ARDEX SK 100 W for swimming pools applications having any public living spaces like car parks beneath them.

For areas subject to excessive chemical impacts like industrial kitchens, laundries, food manufacturing plants we recommend the use of ARDEX SK 100 W waterproofing membrane.

### Technical Data According To ARDEX Quality Standards

Mixing ratio:	Trowelable consistency - Mix One 17.5 kg ARDEX 8 liquid per 25.0 kg ARDEX 9 reactive powder Flowing Consistency - Mix Two 25.0 kg ARDEX 8 liquid per 25.0 kg ARDEX 9 reactive powder
Weight of fresh mortar:	Mix One: 1,4 kg/lt Mix Two: 1,3 kg/lt
Material requirement:	<b>Mix One:</b> approx. 1.75kg ARDEX 8 liquid + 2.5kg ARDEX 9 Powder Powder per m <sup>2</sup> at 3mm thickness <b>Mix Two:</b> approx. 0.75kg ARDEX 8 Liquid + 0.75kg ARDEX 9 Powder per m <sup>2</sup> at 0.8mm thickness
Working time/Pot life*:	Approx. 45 minutes
Setting time*:	1. coat approx 2,5 hours 2. coat approx 2,5 hours
Walkability / Accept coverings*:	After approximately 5 hours (After drying of second coat)
*All data is approximate and based on laboratory test made at a temperature of +20°C and relative humidity of %65. Environmental conditions may change these values. Higher temperatures and lower relative humidity decrease these duration whereas lower temperature and higher relative humidity increases them.	
EMICODE:	EC 1 <sup>PLUS</sup> - Very low emission
GHS/CLP classification:	ARDEX 8 - None ARDEX 9 - GHS 05 "Corrosive" Signal Word: Danger
GGVSEV/ADR classification:	None
Packaging:	5 kg + 5 kg = 10 kg set 10 kg + 10 kg = 20 kg set 25 kg + 25 kg = 50 kg set
Storage and Shelf life:	ARDEX 8+9 must be stored in unopened packaging, clear of the ground in cool dry conditions and be protected from excessive draught. If stored correctly, as detailed above, the shelf life is 12 months from the date shown on the packaging.

Recommended mixing paddle:



### PRECAUTIONS

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at [www.ardex.com.tr](http://www.ardex.com.tr)