



ARDEX 8+9

Flexible Cementitious Waterproofing Membrane

Rapid setting and drying – tile on after 90 minutes

Two component compound

Inside and outside use

Simple to apply with a roller, paint brush or trowel

Solvent free

Impact resistant

Fills gaps and plugs holes

Waterproofing, tiling and grouting can be completed in one day

Certified under Normative EN 14891: CM O2P



ARDEX CEMENTO, S.A.

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ISO 9001 certified company

ARDEX 8+9

Flexible Cementitious Waterproofing Membrane

Use:

Indoors:

Substrate protection against moisture, formation of corner joints (concave mouldings), integrating pipe feedthroughs, bath connections and floor outlets, levelling and filling irregularities. Underneath the tiles, it perfectly resists the aggression of areas in permanent contact with the water, as it happens in showers, bathrooms, shower areas above bathtubs and sanitary places in public and industrial areas with drains.

Outdoors:

In terraces and balconies, it waterproofs and protects the support from moisture and efflorescence, as long as the Ardex 8 + 9 is coated with ceramic pieces or with a paint finish. ARDEX 8+9 is ideal for the waterproofing of mineral or ceramic roofs that are to be covered with ceramics without the need for de-roofing.

ARDEX 8+9 meets the requirements of class B of the classification of the Central Association of the German Construction Industry (ZDB) and is suitable for the waterproofing of swimming pools in combination with ceramics.

Description:

ARDEX 8 +9 is made up of solvent-free ARDEX 8 acrylate dispersion with a density of approx. 1,0 kg/litre and cement-based ARDEX 9 reactive powder with a bulk density of approx. 1,2 kg/litre. Prior to working both components are mixed together in a mixing ratio 1:1.

In a hardened state ARDEX 8+9 sealing compound is water-tight and highly mouldable and does not have a discolouring effect on cement jointing compounds.

Due to its special formulation, it presents excellent adhesion on concrete, mortar, ceramics, porcelain stoneware, etc.

Substrate preparation:

The substrate surface must be dry, firm, load-bearing and free from release agents.

Substrates made of wooden particle board must be suited to take a tile bond. The particle boards must be equivalent to quality V 100G, be sufficiently thick, with a tongue and groove finish and be attached in a torsionally rigid manner.

Gypsum rendering and plastering must be firm, dry applied in a single layer at least 10 mm thick, non-felted and smoothed.

The possibility of moisture entry from the subfloor, for example through an outer wall, should be prevented. With regard to this point, the conditions of the work must be checked before applying the waterproofing measures.

Mixing:

ARDEX 8 + 9 can be applied to trowel or roller.

As a general rule, it must first be mixed with a filling consistency suitable for trowel application, in order to be able to carry out the formation of the corner joints, the joints with the wall, etc. The ratio of the mixture is: 1: 1.5 (ARDEX 8: ARDEX 9).

To prepare the roller consistency, the remainder of the ARDEX 8 is added.

The mixing ratio is then: 1: 1 (ARDEX 8: ARDEX 9).

Application:

Only as much sealing compound is to be mixed as can be worked within 45 minutes.

Do not subsequently dilute the sealing compound that is setting with ARDEX 8 acrylate dispersion.

With filler consistency a minimum layer thickness of 2 mm must be applied.

The formation of corner joints (concave mouldings), integrating pipe feedthroughs, bath connections and floor outlets as well as filling irregularities is done with ARDEX 8+9 at filler consistency. We recommend using the ARDEX SK 12 waterproofing tape for joints with the highest risk of cracking, edge joints, expansion joints and perforations.

Drains, corners and other special points must be reinforced with the range of ARDEX SK geotextiles, specific for each one (see Technical Data Sheet).

The first layer is made over the whole surface of the wall and the floor in a roller consistency. In case of very rough supports, extend according to trowel consistency.

The second coat can follow the first one after waiting approximately 30-60 minutes. Settlement joints and joints between wall and floor should be protected by means of suitable sealing strips (ARDEX SK12). Such strips are fixed into the first coat of ARDEX 8+9 and incorporated with the second one into the sealing layer.

In order to produce a water-tight protective layer at least two coats with a minimum total thickness of 0.8 mm are necessary. When applied at trowel consistency, that layer must have a minimum thickness of 2 mm.

Higher temperatures shorten, lower temperatures lengthen the hardening time.

ARDEX 8 + 9 should be used at temperatures above + 5 ° C and below + 30 ° C.

Setting tiles and slabs:

Setting tiles and slabs on ARDEX 8+9 sealing compound can take place approximately 1½-2 hours after the sealing measures. The entire range of ARDEX adhesives is suitable for the placement of ceramic or marble pieces after the waterproofing works with ARDEX 8+9. In each case, the instructions for use and field of application specified in the Technical Sheets must be taken into account.

Precautions:

ARDEX 9, reactive powder, contains cement. Irritating to eyes and skin. ARDEX 8 contains a mixture of 5-chloro-2-methylisothiazolinone and 2-methylisothiazolin-3-one (3: 1). May cause allergic reactions. Causes skin irritation. May cause serious eye injury. Keep out of the reach of children. Avoid any contact with the eyes and skin. In case of contact with the eyes, wash them immediately with plenty of water and consult a doctor. In the event that the injured person wears contact lenses, remove them and continue rinsing.

Wear suitable protective gloves. Wash contaminated skin with soap and water.

Physiologically and ecologically safe when in a set state.

Disposal of waste and empty containers must be done in accordance with current local / regional / national / international legislation.

GISCODE ZP1 = product with low chromate cement content.

For more information, consult the Safety Data Sheet in force.


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Technical data

(according to ARDEX quality standards)

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|---|---|
| Mixing ratio: | Consistency for roller/brush application: 5 kg ARDEX 8 : 5 kg ARDEX 9 (1:1) 20 kg ARDEX 8 : 20 kg ARDEX 9 (1:1) Consistency for trowel application: 3,5 kg ARDEX 8 : 5 kg ARDEX 9 (1:1,5) 14 kg ARDEX 8 : 20 kg ARDEX 9 (1:1,5) |
| Density: | Density for roller/brush application approx. 1,3kg/litre. Density for trowel application approx. 1.4kg/litre. |
| Consumption: | Application by brush/roller approx. 0,75kg powder+0,75kg liquid per m ² (approx. 1,5 kg mix/m ²). Application by trowel approx. 1,6 kg powder + 1,2 kg liquid per m ² at 2 mm thickness (approx. 2,8 kg mix/m ²) |
| Workability (+20°C): | Approx. 45 min. |
| Walkability (+20°C): | Approx. 1,5-2 hours. |
| Tensile adhesion strength after contact with chlorinated water: | ≥ 0.5 N/mm ² |
| Crack bridging at low temperature (-5°C): | ≥ 0.75 mm |
| Crack bridging at very low temperature (-20°C): | ≥ 0.75 mm |
| Packaging: | ARDEX 8: 5 or 20 kg buckets. ARDEX 9: 5 or 20 kg bags. |
| Storage: | Can be stored for approx. 12 months in dry rooms in originally sealed packaging. |

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| ARDEX CEMENTO, S.A. Pol. Ind. Pla de Llerona, c/Holanda, 18 E-08520 Les Franqueses del Vallès - Barcelona España 14 | |
| 58133A EN 14891:2012 ARDEX 8+9 Cementitious liquid-applied water impermeable product with improved crack bridging ability at very low temperature (-20 °C) and resistant to contact with chlorinated water (bonded with a C2 adhesive in accordance with EN 12004) EN 14891:CM O2P | |
| Initial tensile adhesion strength: | ≥ 0.5 N/mm ² |
| Tensile adhesion strength after water immersion: | ≥ 0.5 N/mm ² |
| Tensile adhesion strength after heat ageing: | ≥ 0.5 N/mm ² |
| Tensile adhesion strength after freeze-thaw cycles: | ≥ 0.5 N/mm ² |
| Tensile adhesion strength after contact with lime water: | ≥ 0.5 N/mm ² |
| Water permeability: | No penetration |
| Crack bridging at standard conditions: | ≥ 0.75 mm |
| Emission of hazardous substances: | See Material Safety Data Sheet |

We assume the warranty for the perfect quality of our products. Our handling recommendations are based on trials and practical experience; they can, however, only be regarded as general advice without a quality warranty, as we have not influence on work site conditions and the execution of the work.

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

ArDEX is not responsible for the content of technical files collected on websites other than the official ArDEX website (www.ardex.es).

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