



---

# ARDEX 4x4 CREAM WHITE

## Creamy thin bed tile adhesive

---

White cement-based

Flexible and deformable

Creamy and adjustable consistency, walls and floors

Fixing of tiles, ceramic, stone or porcelain tiles and moisture-insensitive natural stone in indoor and outdoor applications

Long setting time (30 min.)

Water resistant

Frost resistant

Certified according to EN12004 and EN12002 standards



**ARDEX CEMENTO, S.A.**  
P.I. Pla de Llerona, c/Holanda, 18  
T. 93 846 62 52  
08520 - LES FRANQUESES DEL VALLES (Barcelona)  
[www.ardex.es](http://www.ardex.es) - [ardex@ardex.es](mailto:ardex@ardex.es)

ISO9001 certified company

# ARDEX 4x4 CREAM WHITE

## Creamy thin bed tile adhesive

### Scope:

Indoor and outdoor use, for floors and walls.  
Creamy gel-type cementitious adhesive with adjustable, thixotropic, or semi-fluid consistency.  
For preparing and laying ceramic tiles, stoneware, porcelain tiles, glass and porcelain mosaics. Laying of suitable building panels. Suitable for use on screeds with underfloor heating.  
\*Thin-bed adhesive bonding: maximum 5 mm adhesive thickness in single layer bonding.

### Description:

Powder with white cement, fillers, synthetic resins, and selected additives.  
When mixed with water it results in a smooth mortar that hardens by hydration and drying.  
It is weather and water resistant in a few days. It bonds perfectly to common building substrates, such as concrete, cement screeds, anhydrite screeds, plaster, gypsum, masonry, and similar substrates, creating a firm bond between the different building materials.

### Substrate preparation:

ARDEX 4x4 CREAM adheres to dry or damp substrates, but they must be firm, load-bearing, suitable for adhesion and free of releasing agents. Gypsum or absorbent anhydrite-based substrates must be dry and must be primed with ARDEX P51 PRIMER diluted in water at a ratio of 1:3. Non-porous substrates such as ceramic, metal, glass, varnish coatings, etc., must be primed with ARDEX P82 in dry areas indoors. When applied over existing tiles, these can also be primed with ARDEX P4.  
In damp areas (bathrooms, kitchens, shower trays, etc.) or outdoors (terraces, balconies, etc.), we recommend the use of ARDEX 8+9 waterproofing membrane.

### Mixing and application:

Pour clean water into a mixing vessel and add the ARDEX 4x4 CREAM powder, stirring vigorously until a smooth, homogeneous, lump-free, supple mortar is obtained. To improve flexibility and complete contact with the back of the tile, the mortar must be stirred again before application on the substrate. Required quantity of water for mixing: 7-8 l of water per 25 kg bag.  
At a temperature of +20°C, the mortar is workable for approximately 3-4 hours.

Mortar viscosity can be modified by increasing or decreasing the amount of water in the mixture. In semi-fluid consistency for application on floors, it is recommended to use 8 litres of mixing water per bag, in thixotropic consistency for application on walls, between 7 and 7.5 litres of water per bag can be used.  
Apply the mortar on the substrate and comb it with a notched trowel vertically. The choice of trowel will depend on the surface of the substrate and the type and size of the tile. In the case of surfaces that must bear high loads, the adhesive should be applied using the buttering-floating method to achieve the most complete wetting possible.  
The working area should not be larger than that which allows the tiles to be placed on a wet bed for 30 minutes.  
In case of doubt, a preliminary test shall be carried out.

ARDEX 4x4 CREAM must be used at temperatures above +5°C and below +30°C.

### Recommendations:

For the installation of moisture-sensitive natural stone indoors, we recommend the use of adhesives with Ardurapid® technology from the ARDEX range to prevent the appearance of stains on the workpiece.  
If resistance to chemicals and aggressive cleaning is required, e.g. swimming pools, spas, food industry, tanks, etc., we recommend the use of ARDEX WA /ARDEX ER GROUT 2-4, both as an adhesive and as a grout.

### Caution:

Contains cement. Irritating to eyes and skin. Keep out of the reach of children. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective gloves. In set state is physiologically and ecologically harmless.  
Disposal of waste and empty containers must be in accordance with local/regional/national/international legislation.

**GISCODE ZP1 = product with low chromate cement content.**

*For further information please refer to the current MSDS.*

### Technical Data

*(based on tests carried out in our laboratory according to Ardex quality standards).*

Mixing ratio:	Approx. 7 - 8 l water: 25 kg powder (eq. 1 vol. water: 2,5 vol. powder).
Density:	Approx. 1,3 Kg/litre.
Fresh mortar density:	Approx. 1,6 Kg/litre.
Yield:	On smooth substrates: Approx. 1,2 kg/m <sup>2</sup> -mm Approx. 1,3 kg/m <sup>2</sup> with 3x3x3 notched trowel Approx. 2,5 kg/m <sup>2</sup> with 6x6x6 notched trowel Approx. 3,4 kg/m <sup>2</sup> with 8x8x8 notched trowel
Workability time (+20°C):	Approx. 3-4 hours
Open time (+20°C): (l)	Approx. 30 min. (measured with fresh mortar)
Adjusting time (+20°C):	Approx. 15 min.
Walkability (+20°C):	After approx. 24 hours, it can be grouted
Grouting on walls:	After approx. 8 h
Suitable for underfloor heating:	Yes
Packaging:	25 kg bags
Storage:	Approx. 12 months in a dry place in its original closed packaging.

# ARDEX 4x4 CREAM WHITE

## Creamy thin bed tile adhesive

	
ARDEX Cemento S.A. Pol. Ind. Pla.de Llerona C./Holanda, 18 E-08520 Les Franqueses del Vallès (Barcelona) España 23	
41956 EN 12004:2007+A1:2012 <b>ARDEX 4X4 CREAM</b> Deformable, improved cementitious adhesive with reduced slip and extended open time, for indoor and outdoor tiling  EN 12004:C2TE-S1	
Initial tensile adhesion strength:	≥ 1.0 N/mm <sup>2</sup>
Tensile adhesion after water immersion:	≥ 1.0 N/mm <sup>2</sup>
Tensile adhesion after heat ageing:	≥ 1.0 N/mm <sup>2</sup>
Tensile adhesion after freeze-thaw cycles:	≥ 1.0 N/mm <sup>2</sup>
Reaction to fire:	E
Release of hazardous substances:	See Material Safety Data Sheet

*Ardex is responsible for the quality of its products. The application recommendations expressed here are based on tests and practical experiences. A dosage and application outside of what is described in it would exclude our responsibility for the product and its application. For any questions about possible doubts about the product, please contact the Technical Department. The validity of this technical data sheet will be valid until the appearance of a new edition.*

*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 data sheets collected on Internet websites other than the official Ardex website ([www.ardex.es](http://www.ardex.es)).*

**Edition: June 2023**