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# ARDEX X 26

## High Performance Tile Adhesive

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### Excellent adhesion and slip resistance

- Special polymer added, especially for big size heavy tiles and stones
- Adhesive strength >1.0MPa, double of average tile adhesives

### Good flexibility

- Particularly suitable for yielding artificial stone and non-moisture sensitive natural stones



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# ARDEX X 26

## High Performance Tile Adhesive

### DESCRIPTION

ARDEX X 26 is consisted by special cement, selective aggregate, superpolymer and special additives. Excellent flexibility and slip resistance, particularly suitable for fixing heavy tiles and natural stone (not moisture sensitive).

### FOR FIXING

ARDEX X 26 for interior and exterior, tiles in dry/wet areas, e.g. ceiling, bathroom, balcony, terrace, washing room etc.

### TO (Substrates)

- Concrete, cement render/screed, or other cement based substrates with absorbent surface, gypsum board, and cement-fiber sheet etc., dry wall system.
- ARDEX bonding agent is recommended for highly absorptive substrate.

### USE RESTRICTION:

Need to check local regulation when installing tiles over the height of 2.9meters.

ARDEX X 26 is not usable for chemical corrosion environment.

**Please contact technical service staff ARDEX for further information.**

### SUBSTRATE PREPARATION

The surface being adhered to must be clean, firm and free of dust, oil, grease, curing compounds, release agents and other barrier materials, as well as being strong enough to support the weight of the tiles being fixed.

Allow cement screed leveling to cure at least 14 days prior to tiling, ensure the tensile strength is higher than the adhesive's bonding strength.

ARDEX X 26 is usable for dry or moist surface, such as cement screed, concrete etc.; however, ARDEX stone adhesive system is recommended for moisture sensitive stones.

### MIXING

Clear water is put into a clean mixing container and whilst stirring vigorously as much ARDEX X 26 is mixed in, to give a lump free mortar. Approx. 6.5 liters water is needed to mix 25kg ARDEX X 26, electrical mixer is recommended. Mixed mortar must be used immediately; the open time is approximately 30 minutes at 23°C.

### NOTE

Appropriate amount of adhesive should be mixed according to size of construction during working time. The working time and strength development will be retarded at lower temperatures and accelerated at high. Do not apply at temperature below 10°C or higher than 35°C.

### APPLICATION

Apply the mortar to the substrate and comb through with a notch trowel, then press firmly into the freshly combed mortar bed.

3mm x 3mm notch towel for mosaic and flat back tiles for wall, 6mm x 6mm notch towel for common wall tiles, 10mm x 10mm notch towel for floor and big size ceramic tiles.

To avoid hollowing, the substrates for floor and slot wall must be smoothed prior to installation. Tiles can be moved/adjusted for approx. 30 minutes. Mixed mortar of ARDEX X 24 must be used immediately; the working time is approximately 2 hours at 23°C. The scale of the application should be controlled; the adhesive work should be done in the working time. Long waiting of mortar prior to application would shorten the fixing time. ARDEX X 26 or ARDEX render/screed are recommended for rough and uneven substrates (please consult ARDEX Technical Services for max application thickness), and then apply for normal adhesives procedures after dry (approx. 24 hours).

### GROUTING

Tiles can be grouted after 24 hours ( at 23°C). Appropriate grout products from ARDEX are recommended..

For chemical corrosion resistance, water impermeability, cleaning performance, ARDEX epoxy grout are recommended.

### MIXING RATIO (per 25kg)

ARDEX X 26 – approx. 6.25-6.75 liters water  
Coverage (per 25kg) 5.41 m<sup>2</sup>  
(using 10mm x 10mm notch towel)

### PACKAGE

25kg polyline paper sack.

### STORAGE

Approx 12 months when stored in the original unopened packaging in dry, clean, shady and cool place without ventilation.

### TECHNIQUE DATA

The data below is taken in laboratory at 23°C, 50% humidity.

### ARDEX QUALITY STANDARD

|   |                 |
|---|-----------------|
| Mortar density                              | approx.1.61kg/L |
| Open time                                   | approx. 30 min  |
| Pot life                                    | >120min         |
| Tensile adhesion strength after 28 days dry | ≥ 1.5MPa        |
| Water immersion                             | ≥ 1.0 MPa       |
| Heating                                     | ≥ 1.0 MPa       |
| Freeze-thaw                                 | ≥ 1.0MPa        |
| Slip resistance                             | ≤ 0.2mm         |

### Meets requirement of JC/T 547-2017(C2TE)

|   |           |
|---|-----------|
| Tensile adhesion strength after 28 days dry | ≥ 1.0 Mpa |
| Water immersion                             | ≥ 1.0 Mpa |
| Heating                                     | ≥ 1.0MPa  |
| Freeze-thaw                                 | ≥ 1.0 MPa |
| Resting 30min                               | ≥ 0.5 MPa |
| Slip resistance                             | ≤ 0.5 mm  |

### SAFETY DATA

ARDEX X 26 is considered non-hazardous in normal usage. However, by containing Portland cement, quartz sand and other alkaline reacted materials, skin irritation may be caused for long term contact. Avoid breathing in powder. Avoid contact of skin and eye. Wear appropriate protection gear such as face mask, gloves, and safety glasses. In case of skin and eye contact, wash thoroughly with water, also consult a doctor. For the case of powder breathing in, move to place with good ventilation, wash mouth properly, consult a doctor for any discomfort. This product is safe for health and environment.

For further safety & handling information, please consult the Material Safety Data Sheet (MSDS).

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.