ARDEX F 210

Formaldehyde Free Wall Plaster

Advantages

- **High Crack Resistance**
- **High Bond Strength**
- **Good Workability, Easy Application**
- **Eco-Friendly Formulation**

Description

ARDEX F 210 is formulated with selected fillers and pigments and blended with multiple high-quality additives. It develops high bond strength to the substrate and is easy to trowel.

Areas of Application

For thin plastering/skim levelling of interior walls and ceilings in buildings (excluding damp areas such as kitchens and bathrooms).

Substrate Preparation

The substrate must be sound and flat. Remove any remaining loose materials and contaminants; holes and cracks must be filled and repaired.

Mixing

Pour clean water into a clean container, then add ARDEX F 210 powder and immediately mix until a uniform, lump-free consistency is achieved.
Mechanical mixing is recommended. The mixing ratio by weight is: approx. 10.8 L clean water per 18 kg ARDEX F 210 powder. Adjust the water addition as appropriate according to actual conditions.
The above water dosage is based on tests carried out by our company at room temperature using standard mixing equipment; different mixers may affect the required water amount.

ARDEX (Shanghai) Co., Ltd
4F, Bld 2, Guizhong Park, No.481, Guiping Rd, Xuhui, Shanghai, PRC
TEL: (+86)21-64161800
www.ardexchina.com

ARDEX New Materials & Technology (Zhejiang) Co., Ltd
No. 299, Chuangqiang Rd, Linhu Industrial Park, Pinghu City, Zhejiang Province, PRC
TEL: (+86)573-85600618

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Application
Trowel the mixed material onto the wall, and use a straightedge to level from bottom to top in one pass. Forming plaster dots (datum pads) and screed guides before plastering helps improve flatness. The single-coat thickness shall not exceed 3 cm; for greater thickness, apply in multiple passes.
Embedding glass fiber mesh or wire mesh within the render layer helps enhance crack resistance.

Packaging
18 kg/bag

Standard
GB/T 28627-2023

Storage & Shelf Life
Shelf life 12 months when unopened and stored in a cool, dry place.

Technical Data

Application temperature	5–35°C
Interval between coats	2–5 hours (depending on site conditions)
Time to next procedure	2–3 days
Tensile bond strength	≥ 0.3 MPa
Compressive strength	≥ 2.5 MPa
Flexural strength	≥ 1.0 MPa
Coverage	approx. 7 kg/m²/cm

Health & Safety
Wear work clothing, gloves, and protective goggles during use. After work, wash contacted areas with clean water and soap. If the product accidentally splashes into the eyes, rinse immediately with plenty of clean water and seek medical attention.
Keep out of reach of pregnant women and children.
Ensure adequate ventilation during use.