



# ARDEX F 2 S

## Flexible Water-resistant Skim Coat

### Advantages

- Strong adhesion to prevent debonding
- Excellent water resistance
- Good Workability
- Eco-Friendly Formulation



### Description

ARDEX F 2 S is cement-based pre-mixing powder, consist of selected powder, polymer modifier, can be used after mixing with water. With excellent troweling and water-retaining property, strong bonding strength, no crack, water resistance, moderate early strength, Suitable for sanding before painting. It can be also used as final finish due to its fineness. Suitable for interior and exterior.

### Areas of Application

Suitable for the application as the surface layer of concrete, the base material before coating (can replace gypsum-based skim coat), and the interior and exterior wall decoration of industrial buildings.

### Substrate Preparation

The substrate should be dry, flat, solid, clean and free from pollution such as oil, dust, mud or loose particles. When the temperature is high or the water absorption rate of the substrate is high, wet the substrate with clean water first.

### Mixing

Mixing by low-speed mechanical mixing method, add water to a clean container, and add the product while stirring. Mix 25kg of ARDEX F 2 S with 9.25 – 9.75 litres of clean water. After mixing 2 minutes, leave it to stand for 3 minutes, then remix for 1 minutes. The amount of mixing at one time should be used up within 2 hours.

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### Application

Apply the mixture evenly on the prepared substrate with trowel from top to bottom. The thickness of each layer is controlled at about 0.5-1.5mm. If it is too thick, it is easy to cause cracks and sagging. Usually need to apply 2 layers.

The pause between application of each layer is about 12 hours. After the first layer is dry, the second layer can be applied.

Do not apply back and forth in one place too many times to avoid curling.

The trowel must be pressed tightly against the substrate, the mixture need to be inserted into the substrate that needs to be leveled to ensure firm bonding, smooth the surface, and minimize the traces of the trowel.

After drying, sand it with medium sandpaper and fine sandpaper to remove the traces of the trowel, wait until the surface is smooth and flat with sharp edges and corners. ARDEX F 2 S needs to be sprinkled with water for curing to obtain better surface strength.

### Consumption

The coverage of ARDEX F 2 S is 1.2kg/m<sup>2</sup>/mm, 25kg ARDEX F 2 S can form 21 L slurry after mixing, Approx.21 m<sup>2</sup> for 1 mm thickness.

Coverage varies according to different evenness and thickness.

### Packaging

25 kg/bag

### Standard

JG/T 298-2010 and JG/T 298-2026

### Storage & Shelf Life

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

### Technical Data

Color	White
Mixing ratio	Approx.38%
Fineness	≤ 0.295
Troweling property	Easy to apply, Smooth without caking
Drying time(@<2mm)	< 2 hours
Water resistance	48h No bubbles, crack or obviously dusting
Standard bonding strength	≥ 0.5MPa
Bonding strength after water immersion	> 0.3MPa

### Health & Safety

ARDEX F 2 S is considered non-hazardous in normal usage, however it contains Portland cement & quartz sand and reacts alkaline which may cause some skin irritation after prolonged contact. Avoid generation and breathing of dust. Avoid contact with eyes or skin.