



---

# ARDEX F 2 S

## Flexible Internal/External Wall Smoothing Compound

Suitable for interior and exterior

Excellent water-resistance

Eco-friendly



SH Office:  
ARDEX (SHANGHAI) CO.,  
LTD  
4F, Bld 2, Guizhong Park, No.  
481, Guiping Rd, Xuhui,  
Shanghai, PRC  
TEL: 86-21 64161800  
P.C.: 200233

# ARDEX F 2 S

## Flexible Water-resistant Skim Coat

### 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

### USES

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.

### APPLICATION

Apply the mixture evenly on the prepared substrate with trowel from

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.

### COVERAGE

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

25kg bag.

### STORAGE AND SHELF LIFE

12 months when stored in the original unopened packaging, in a dry condition and protect from direct sunshine.

### TECHNICAL DATA

According to Ardex Standard powder

Color	White
Mixing ratio	Powder : Water=1 : 0.38 (by weight)
Fineness	≤0.295
Troweling property	Easy to apply, Smooth without caking

According to JG/T 298-2010 SZN,JG/T 157-2009 WNZP ( Adding diluted ARDEX E 30)

JG/T 298-2010 (Adding water)

Drying time (@<2mm)	<2h
Sanding property	Hand-polishable

According to JG/T 157-2009 (Adding diluted ARDEX E 30, 1:2 water)

Drying time (@<2mm)	<2h
Sanding property	Hand-polishable
Water absorption (g/10min)	<2g
Alkali resistance(48hr)	Pass
Water resistance(96hr)	Pass
Standard bonding strength	>1MPa
Bonding strength after freeze-thaw circles (5 times)	>1MPa
Dynamic cracking resistance (Substrate)	Pass
Low temperature storage stability	-5°C 4hr Pass

### 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.

The technical details, recommendations and other information contained in this datasheet are given in good faith and represents the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable National or Local Standard, our instructions & recommendations, and only for the uses they are intended. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations. Our Company policy is one of continuous Research & Development; we therefore reserve the right to update this information at any time without prior notice. We 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. The supply of our products and services is also subject to certain terms, warranties & exclusions; and these details will be made available to you on request. You should make yourself familiar with them.