



ARDEX F 11

Facade levelling compound

- Vapour-permeable
- Suitable for layer thicknesses up to 5 mm
- Low tension
- Ideal for absorbing silicate paints
- Extendable with sand



Area of application

For indoor and outdoor use.

- Smoothing, repairing and filling facades, wall and ceiling areas
- Coating and levelling the surfaces of exposed concrete, raw masonry and plaster
- Filling cracks, holes and large depressions in walls and ceilings
- Smoothing interior wall surfaces made of aerated concrete

Art

White cement base.

When mixed with water, it forms a smooth, paste-like mortar which, through hydration and drying, hardens in any layer thickness to form an almost tension-free, vapour-permeable compound that is water- and weather-resistant.

Preparation of the surface

The substrate can be dry or damp, but must be non-slip, solid and free of dust, dirt and other separating agents. Wallpaper,

paint coatings that are not firmly adhering or weakly bonded, and loose plaster must be removed.

In **interior areas**, varnish, oil, plastic coatings and similarly dense substrates **must be** cleaned of wax, oil and grease before filling.

All smooth and dense surfaces must be coated with ARDEX P 4 READY Multifunctional Primer as a bonding agent.

Outdoors, all paint coatings **must be** completely removed before filling; smooth substrates must be roughened.

Metals must be protected against corrosion, which also serves as a bonding agent.

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Substrates	without primer	with primer / indoor use only
Aerated concrete	✓	
Concrete	✓	
Brickwork	✓	
Gypsum board		ARDEX P 51 ARDEX P 52
Sand-lime brick	✓	
Gypsum filler		ARDEX P 51 ARDEX P 52
Gypsum and gypsum fibre boards	✓	
Cement fibre boards	✓	
Tiles and slab coverings		ARDEX P 82 ARDEX P 4 READY
Natural stone		ARDEX P 82 ARDEX P 4 READY
Acrylic lacquer coatings and alkyd resin coatings		ARDEX P 82 ARDEX P 4 READY
waterproof, scrub- and wash-resistant matt dispersion paints		ARDEX P 82 ARDEX P 4 READY
Latex paints		ARDEX P 82 ARDEX P 4 READY
mineral rubbing plasters	✓	
MG 2 lime cement mortar	✓	
MG 3 cement mortar	✓	
MG 4 Gypsum mortar		ARDEX P 4 READY ARDEX P 51 ARDEX P 52
Synthetic resin plasters		ARDEX P 4 READY ARDEX P 82

Processing

Pour clear water into a clean mixing container and stir vigorously, adding enough powder to produce a smooth, paste-like mortar free of lumps.

Approximately 8.5 litres of water are required to mix 25 kg of ARDEX F 11 powder. Approximately 1.7 litres of water are required to mix 5 kg of ARDEX F 11 powder.

Technical data according to ARDEX quality standard

Mixing ratio approx.	Component A 8.5 l water 1.7 l water 1 Part water	Component B 25 kg powder 5 kg powder 2.75 RT powder
Material requirements	1.2 kg powder per m² and mm	
Bulk density approx.	1,10 kg/l	
Fresh weight approx.	1,70 kg/l	
Application properties		
Processing time approx.	30 Minute(s)	
Paint coating and gluing work	After drying	

The levelling compound can be processed for approx. 30 minutes at temperatures between +18°C and +20°C and can be applied in a single coat several millimetres thick without dilution or in any thickness when diluted with sand. It hardens by hydration and drying at normal temperature in approx. 90 minutes to such an extent that further processing, such as sanding or smoothing with ARDEX F 11, is possible.

For compound layers from 5 mm, ARDEX F 11 mortar must be diluted with washed sand of 0–4 mm grain size up to one third of the compound volume.

Settling cracks can be closed with ARDEX F 11. Fine settling and plaster cracks must be widened before filling with ARDEX F 11 mortar. In the event of building movement, the reappearance of cracks cannot be ruled out.

In case of doubt, a test application is recommended.

ARDEX F 11 Facade Filler should be applied at temperatures above +5°C. Low temperatures prolong the working time, high temperatures shorten it.

Aftercare

Once completely dry, ARDEX F 11 can be painted over with lime-resistant paint. The drying time depends on the thickness of the levelling compound and the prevailing weather conditions. Substrates that are still damp may cause efflorescence.

The paint manufacturers' recommendations for paint coatings on cement-bound substrates must be observed, regardless of whether the levelling compound has been applied to the entire surface or only in certain areas.

Note

The information in our safety data sheets must be observed. For commercial users only!

Additional information

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a solidified state in accordance with applicable local/regional/national/international regulations.

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Application Ambient conditions +20°C

Mechanical properties

Bending tensile strength approx.	Time	Bending tensile strength approx.
	After 7 days	2 N/mm ²
	After 28 days	4 N/mm ²
Compressive strength approx.	Time	Compressive strength of approx.
	After 7 days	6 N/mm ²
	After 28 days	14 N/mm ²

Product details

PH value approx.	12
Labelling according to GHS/CLP	See relevant safety data sheet
Labelling according to ADR	See relevant safety data sheet
EMICODE	EC 1 PLUS = very low emissions PLUS
GISCODE	ZP1 = cementitious product, low chromate content
Packaging	Sacks containing 25 kg net; bags containing 5 kg net, packed in sets of 4
Storage	Can be stored in dry rooms for approx. 12 months in the original sealed container.

