



COE: Witten
VA: D. Händle
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ARDEX A 46

Slumpfree exterior patching compound

Cement-based

Filling of cavities, holes, unevenness, grooves and patching work on wall and floor areas.

Levelling and repairing of steps and landings.

Produce of gradient levelling layers and smoothing of floor surfaces and ramps

To smooth wall and floor areas in thickness from 2 – 30 mm

For internal and external use

Easy to smooth and float

Early walkability

Can take loads after little time

Stress and crack free



Hersteller
mit zertifiziertem QM-
System nach DIN EN
ISO 9001

ARDEX GMBH

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ARDEX A46

Slumpfree exterior patching compound

Areas of application:

Internal external wall and floor.

Filling cavities, holes, unevenness, grooves, patching work in wall and floor areas

Levelling and repairing of stairs and Landings.

Produce of gradient levelling layers and smoothing of floor surfaces and ramps.

To smooth wall and floor areas in thickness from 2 – 30 mm

- onto concrete, cementscreeds, masonry brick(except light weight concrete) Renders as in Mortargroup PII and PIII as well as all other suitable substrates.
- for subsequent tiling and natural stones, paints and coatings.
- as a wearing surface in not high loaded areas.
- as patch repair under ARDEX K 301 exterior levelling compound.

Description:

Grey powder with special cements, easily dispersible resin powders and selected fillers and Special additives.

Substrate preparation:

The substrate can be dry or moist, but must be firm loadbearing sound free from dust and release agents and must be frostresistant.

Loose particles should be removed mechanically by shotblasting, abrading with a diamond grinder Dense concrete surfaces (sintered) have to be roughened.

On absorbent substrates the mortar has to be applied in a thin layer, please trowel the mortar in firmly. After that apply the mortar in the required thickness.

Very dense, smooth impervious surfaces should be primed with Ardex EP 2000 multi functional Epoxy Resin which should than be sand blinded.

Application:

Clear water is put into a clean mixing container and whilst stirring vigorously as much powder is mixed in, to give a lump free mortar.

Approximately 6-7 liters of water are needed to mix 25 kg of Ardex A 46. At +18-20°C the mortar

workable for approx. 15-20 minutes. Lower temperatures lengthen the working time, higher temperatures shorten it.

After approx. 10 minutes trim off excess and finish off with a wet trowel, sponge or sponge float to obtain a smooth surface. The smoothing should be done within 10-15 minutes.

ARDEX A 45 can be applied from 2 mm to max. 30 mm.

Apply ARDEX A 46 at temperatures above + 5°C. **The finished surface has to be protected against direct sunlight and draught which could lead to a rapid drying of the surface.**

In doubt apply trial areas

Pay attention to the following:

Waterproofing work with ARDEX waterproofing products can be done after the ARDEX A 46 has dried. ARDEX A 46 can be used in swimming pools, but not in Spas. Thermal and therapeutic baths.

Due to the large amount of available coating systems on the market we can not give a binding recommendation. We recommend to get in contact with the suppliers and to prepare trial areas.

Note:

Contains cement, Reacts alkaline – so protect skin and eyes, In case of contact wash thoroughly with water. In case of eye contact also consult a doctor.

Wear appropriate protection gear such as safety glasses.

Physiologically and ecologically save when in cured state.

Giscode ZP1 = product contains cement, low chromate content.

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Technical data

According to ARDEX quality standards:

Mixing ratio::	approx. 6- 7 l water 25 kg powder is equivalent to approx.1 vol. of water : 3,5 vol. of powder
Bulk density:	approx. 1,3 kg/l
Fresh mortar Weight:	approx. 1,8 kg/l
Material requirement	approx. 1,4 kg of powder per m ² and mm
Working time:	approx. 15– minutes
Walkability:	approx. 2-3 hours
Ready to receive Floorcoverings	approx. 1 day (not sensitive to moisture, 20 °C) Coating at 20 °: after drying
	up to 5 mm approx. 2 days up to 10 mm approx. 5 days up to 20 mm approx. 7 days up to 30 mm approx. 10 days
compressive strength:	after 1 day approx. 10 N/mm ² after 7 days approx. 15 N/mm ² after 28 days approx. 20 N/mm ²
Tensile bending strength:	after 1 day approx. 2,0 N/mm ² after 7 days approx. 4,0 N/mm ² after 28 days approx. 6,0 N/mm ²
Adhesionstrength:	after 7 days approx. 1,7 N/mm ²
PH Value:	Fresh mortar approx. 12
Frost-Thawsalt resistant:	Yes
Resistant to chair castors:	Yes
Suited for floorheating:	Yes
Packaging:	bags with 25 kg net
Storage:	can be stored for approx. 12 month in dry rooms in originally sealed packaging

We assume the warranty for the perfect quality of our products. Our handling recommendations are based on trials and practical experience; they can, however, only be regarded as general advice without a quality warranty, as we have not influence on work site conditions and the execution of the work.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations
