



ARDEX RENDER G125

Smoothing Compound for Walls

Description

ARDEX Render G125 is a grey cement-based powder which, when mixed with water, produces an easily worked slump resistant mortar. The mortar hardens by hydration and dries to a practically tension-free, water resistant layer which retains a breathing surface.

ARDEX Render G125 is a specially formulated cement-based thin render for smoothing and levelling interior and exterior walls of concrete, brickwork, blockwork and cement/sand render prior to applying paints, surface coatings etc. ARDEX Render G125 is ideal for filling cracks and surface irregularities in these backgrounds.

Surface Preparation

ARDEX Render G125 mortar can be applied to dry or moist surfaces if they are stable, firm and free of dust, dirt, atmospheric pollution, oil and other barrier materials. The use of ARDEX Degreaser is recommended for the removal of oil, waxes, etc., from the substrate. Any residues of existing surface coatings, rendering etc., which are not firmly bonded to the substrate must be removed prior to the application of ARDEX Render G125.

Mixing

To the required amount of water in a clean mixing container add the ARDEX Render G125 powder whilst stirring thoroughly, until an easily worked slump-resistant mortar is obtained.

The mixing proportions by volume are:

3 to 3¹/₂ parts ARDEX Render G125 powder into 1 part water

A 22kg bag requires approximately 5¹/₂ to 6 litres of water.

The mixed ARDEX Render G125 mortar has a pot life of approximately 4 hours at 20°C.

Application

ARDEX Render G125 mortar can be applied to a maximum thickness of 5mm. Where thicker applications are required, e.g. filling deep cracks, holes and surface depressions, the ARDEX Render G125 mortar should be mixed with one third of its volume of dry sharp sand, e.g. a 0-5mm grading.

To achieve a smoother finish a second thinner application of the normal mix of ARDEX Render G125 mortar can be applied on top of the sand filled coat, once it has become sufficiently firm.

ARDEX Render G125 mortar should not be applied at temperatures below 5°C. The drying and hardening of the mortar is dependent on site conditions and is retarded by low temperatures and high humidity. When dry, ARDEX Render G125 can be covered with wallpaper, or cement-resistant decorative coatings.

Coverage

Approximately 1.4kg ARDEX Render G125 powder per square metre at a thickness of 1mm, i.e. approximately 5m² at 3mm thickness per 22kg bag.

Packaging

ARDEX Render G125 is packed in paper sacks incorporating a polythene liner - net weight 22kg.

Storage

ARDEX Render G125 has a storage life of not less than 12 months if stored in dry conditions.



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Precautions

ARDEX Render G125 is considered non-hazardous in normal usage. The presence of cement in the product gives an alkaline mortar which may cause some local irritation if prolonged contact with the skin takes place. Care should be taken to avoid inhalation or ingestion of dust and prevent contact with the eyes.

Technical Data

Bulk density of powder	approx.	1.6kg/litre
Weight of fresh mortar	approx.	1.8kg/litre
Initial Set (Vicat)	approx.	4 hours
Final Set (Vicat)	approx.	12 hours

Compressive strength (DIN 1164)

After 28 days 14.5 N/mm²

Tensile bending strength (DIN 1164)

After 28 days 6.2 N/mm²

Alkalinity

pH in hardened condition approximately 12.

ARDEX Render G125 is designated Class A 1 for non-combustible construction materials according to DIN 4102 - test certificate No. PA -1114.121.

ARDEX materials are also manufactured in Australia, Austria, Denmark, Germany, Spain, U.S.A., and represented throughout the World.

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