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PRODUCT DATA SHEET

ARDEX A 950

Rapid Drying Lightweight High Build Repair Mortar

Features

- Polymer Modified Cementitious Lightweight Repair Mortar for Internal Use
- Slump free, apply from 2mm to 100mm
- Can receive all finishes after 24 hours, regardless of thickness
- Ideal for general building work, filling large cavities and deep holes around door frames
- Can facilitate “dot and dab” fixing of plasterboards
- Can be used as a modelling mortar, to create architectural features, such as columns and pedestals
- No priming required
- 6m² coverage at 3mm thick
- Can be tiled in as little as 90 minutes.
- Low-tension, shrinkage compensated, even in thick layers
- Non-combustible – Reaction to fire Class A1 (EN 13501-1)

GEV-EMICODE® EC 1 PLUS very low emission

RAPIDRY FORMULA

Binds the mix water within the mortar, speeding drying and hardening times irrespective of application thickness

bsi ISO 9001 Quality Management Systems CERTIFIED Reg No. FM 01207
ISO 14001 Environmental Management CERTIFIED EMS 565427
ISO 45001 Occupational Health and Safety Management CERTIFIED OHS 628374

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ARDEX A 950

Multi-Purpose Renovation Compound and Lightweight High Build Repair Mortar

DESCRIPTION
ARDEX A 950 is a grey multi-purpose rapid drying, deep fill renovation compound. ARDEX A 950 can reshape and repair walls and floors. ARDEX A 950 can also be used as a wall render or as a floor screed prior to tiling. Made of specialist cements, easily dispersible polymers and lightweight aggregates.

USE
Internal repairing, rendering and smoothing of floors, walls and ceiling areas, filling of large cavities, and deeper sections. ARDEX A 950 can be applied as a deep filling repair mortar which hardens after approximately one hour. The mortar is stress-free, and shrinkage compensated Ideal for:

- General building work, and filling large cavities and deep holes around door frames
- "Dot and dab" fixing of plasterboards
- Can fix plasterboard to "box in" pipework or apertures
- Use as a modelling mortar, smooth and shape before drying with stencils to create architectural features such as columns and pedestals
- Smoothing, repairing and levelling of walls.
- Can be used as a screed for flooring in dry internal areas

SUBSTRATE PREPARATION
The substrate must be dry, firm, load-bearing and free from dust, dirt and other materials likely to impair adhesion. Old, flaky or weakly adhered paints, as well as loose plaster and wallpaper, must be fully removed. Priming is rarely required. Dense non-absorbent coverings/surfaces must be primed with ARDEX P 82 Water Based Epoxy Primer and Bonding Agent. Gypsum based substrates, such as plaster, should be primed with ARDEX P 51 Concentrated Water-Based Primer and Bonding Agent. Dilute with 3 parts water to 1 part primer, apply with a brush and allow to dry.

NOTE: Compatible primers should always be used. If there is any doubt about suitability, perform a test application.

MIXING
Approximately 6 litres of water is required to mix 20kg of the ARDEX A 950 Powder.

Add the powder slowly to the required amount of clean, cold water, stirring continually. The use of an ARDEX mixing paddle with a 10mm chuck electric drill makes light work of mixing.

Clean water is placed into a clean mixing container and, whilst stirring vigorously, as much powder as is required is added to achieve a supple, lump-free, stable mortar. After a standing time of 1-3 minutes the mortar should be re-mixed. The mortar can be worked within approximately 30-40 minutes and applied immediately at the desired thickness.

APPLICATION
ARDEX A 950 can be applied to prepared substrates such as, cement/sand screeds, mature renders, concrete, particle boards, securely fixed tile backer boards, existing tiles, terrazzo, gypsum based substrates and other commonly used building materials.

In order to produce smooth surfaces, the mortar, after initial hardening, can be subsequently coated or gently rubbed down using a damp sponge and trowel to close the pores, and, if necessary carved/ shaped with a steel float, before it fully dries to create a smooth flush finish with the surrounding background. ARDEX A 950 must be worked and applied at temperatures above 5ºC.

DRYING TIMES
Thin layers will be dry in as little as 90 minutes and can receive a painted finish. Thicker layers up to 100mm will be dry usually in 24 hours in good conditions.

Higher temperatures shorten and lower temperatures extend the setting time.

COVERAGE
Approximately 6m² at 3mm thick.

PACKAGING
ARDEX A 950 Powder is packaged in paper sacks incorporating a polyethylene liner – net weight 20kg.

STORAGE AND SHELF LIFE
ARDEX A 950 has a storage life of not less than 12 months if stored in dry conditions.

TECHNICAL DATA

Mixing ratio:	Approx. 6 litres of water: 20kg powder is equivalent to approx. 1 part water to: 3 parts powder by volume
Bulk density:	Approx. 1.1kg/litres
Weight of fresh mortar:	Approx. 1.4kg/litres
Material requirement:	Approx. 1.1kg powder per m²/mm
Working time (+20ºC):	Approx. 30-40 minutes
pH value of freshly mixed mortar containing cement	= Approx. 12
pH value of set filling layer	= Approx. 10

COMPRESSIVE STRENGTH

After 1 day	Approx. 6 N/mm²
After 7 days	Approx. 10 N/mm²
After 28 days	Approx. 16 N/mm²

TENSILE BENDING STRENGTH

After 1 day	Approx. 2 N/mm²
After 7 days	Approx. 3 N/mm²
After 28 days	Approx. 4 N/mm²

REACTION TO FIRE
Class A1 to EN 13501-1

TECHNICAL ADVICE HELPLINE
01440 714939
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www.ardex.co.uk