



IZONIL HARD

TECHNICAL DATA SHEET



APPEARANCE / COLOR	Powder / grey	
PACKAGING	25 kg	
COMPOSITION	IZONIL Admixture Portland cement Silica sand	
MIXING TIME / BATCH	Standard / depends on dry-mix technology	
SHELF LIFE	Minimum 18 months	
DEPTH OF PENETRATION UNDER WATER PRESSURE	< 1 mm / 1 BAR	EN 12390-8
WATER VAPOUR PERMEABILITY COEFFICIENT	12.40	EN 998-1
COMPRESSIVE STRENGTH	3.40 N / mm ²	EN 998-1 CS II
FLEXURAL STRENGTH	1.60 N / mm ²	EN 998-1
DENSITY OF DRY MORTAR	1680 kg / m ³	

APPLICATION

One layer 10 - 20 mm

COVERAGE

1 m² = 12 kg of dry plaster @ 10 mm layer

25 kg = 2 m² of dry plaster @ 10 mm layer

MIXING RATIO

0.15 - 0.16 liter of clean water / 1 kg of dry plaster

3.7 - 4.0 liters of clean water / 25 kg of dry plaster

IMPORTANT NOTE

Always add water first

MIXING TIME

**Hand mixer: 5 minutes mix, 5 minutes rest,
1 more minute mix**

Gravity mixer: 10 minutes

WORKABILITY

3 - 4 hours

FIBERGLASS MESH

Recommended 5 mm x 5 mm, 140 - 145 g / m²

APPLICATION

Manual / machine pump

APPLICABLE SURFACE

Bricks / AAC blocks / Light concrete blocks

Concrete slab

AREAS

Interior walls / exterior walls

Bathrooms / toilets

Roofs / terraces / balconies

Basements / Cellars

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