



ARGOTEC
Technical Mortar

WATERPROOF
100



UNE-EN
1504-2

Surface
Repair

DESCRIPTION

ARGOTEC WATERPROOF 100 is a single-component waterproof mortar with special cements and resins, additives and selected aggregates to provide extraordinary impermeability, excellent adherence and high capacity for filling holes and pores. Hardens without cracking and can be applied by spraying.

APPLICATIONS

ARGOTEC WATERPROOF 100 can be applied in interiors and exteriors and is suitable for the following tasks:

- Waterproofing water tanks, swimming-pools, basements, etc.
- Waterproofing foundations, slabs and walls.
- Waterproofing to protect from filtration by surface water or groundwater.
- Protecting buildings against damp.

SUPPORT

Supports should be firm, clean, moist but not wet and free of paint, oil, formwork remover, etc. Smooth or non-absorbent supports should be treated first by sandblasting. Supports that could undergo shifting or with minor cracks should be waterproofed with **ARGOTEC WATERPROOF 300** or **500**.

METHOD OF USE

1. Mix mechanically with clean water until a fluid consistency is achieved, 20% (approx. 4.0 l/sack).
2. Raise the consistency of the product for the first coat by adding almost 1 litre more water, as this coat is applied by brush.
3. Apply the second coat when the first is still fresh, using a trowel. If the final thickness required is >4 mm, apply 3 coats.



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PRECAUTIONS

Do not apply at extreme temperatures (below 5 °C or above 35 °C).

Protect from wind and direct sunlight.

Cure the surface for the first 24 hours with curing liquid or with water, if drinking-water tanks are being waterproofed.

YIELD

Non-pressurised water Thickness: 2 mm Yield: 4 Kg/m²

Pressurised water Thickness: 5 mm Yield: 10 Kg/m²

PRESENTATION

20 kg sacks (800 kg pallet).

COLOUR

Grey.

STORAGE

In the original container in a covered area, for up to 12 months.

TECHNICAL DATA

Mortar for surface repair of concrete per standard UNE EN 1504-2.

Grain size (mm)	0/0.5
Mixing water approx. (%):	20
Apparent density of powder:	1.4
Apparent density when fresh:	1.8
Mix lifetime (mins):	60
Applicable thickness:	1-5
Impermeability (atm):	Up to 1.5
Capillary absorption (Kg/m ² h ^{1/2}):	0.02
Permeability to water vapour:	Class III
Direct tensile absorption (N/mm ²):	≥1.0
Permeability to CO ₂ :	So>50 m
Crushing strength (N/mm ²):	25