

Technical map N1/02.01.2008

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Dry mix for building with aerated concrete

EN 998-2

Composition and properties:

Dry grey cement based mix, mineral fillers and polymer additives.

Application:

For indoor and outdoor use.

Adhesive for building aerated concrete and other cellular concrete for building inner and outer walls.

Base:

The product is applicable on:

— aerated concrete

Not applicable on: wood, metal, plastic, rubber, cement binding bases where the drying process is not finished.

Product data:

Delivery form: 25 kg paper bags, 40 bags/1000 kg per pallet

Storage: in dry places on wooden grills in the original closed package for around 12 months

Technical data: estimated under normal weather indexes +20C/60% air humidity

Water quantity needed: 0,27 l/kg

Usage time: 5 hours

Correction time: 7 min

Max. layer thickness: to 5 mm

Number	Indexes	Characteristics and norms
1	Outlook	Dry grey cement based mix
2	Fresh solution Max grain size (0,5 mm)	≤ 8
3	Hard-set solution Cohesion strength with gas concrete N/mm ²	$\geq 0,3$
4	Compressive strength N/mm ²	≥ 10
5	Density of the hard-set solution in dry condition kg/m ³	From 1500 to 1700

Application instructions: To work with “Adhesive for aerated concrete” are needed: electrical or manual stirrer, broom or hard brush, notched mortar trowel, level, rubber/plastic hammer, vessel.

Application technique:

Mix preparation: Add the mix into water in the following proportion 1:35 (water 0,27 kg/dry mix 1 kg) until reaching the needed density of the mix. Stay for 2-3 min and then stir again until the mix homogenizes.

Proportion: 6,75 l water for 25 kg

Laying:

Stick the aerated concrete by pressing and level by gently knocking with a rubber/plastic rubber.

Following treatment:

Clean the solution that exits from the fugues.

Safety regulations:

Any specific information on composition, danger, cleaning and other measures can be viewed in the safety list.

Important instructions:

- Follow the norms and technical maps regarding base and cover
- Do not apply in temperatures below +5 C, direct sunlight, rain, strong wind
- High air humidity and low temperatures slow down the binding process while high temperatures speed up the process.
- Do not add other materials