Concrete Glue

Cementbased glue for blocks and elements

Product description
Marlon Concrete Glue is a cement-based, pre-mixed lightweight joint compound consisting of Portland cement, mineral filling agents, additives and oven-dried silica sand, with a max grain size of 0.6 mm, which, thanks to its composition, makes the product particularly well-suited for gluing block masonry and for various repair tasks etc. Marlon Concrete Glue contains no corrosion-promoting components and, in unbound state, is water- and weather-resistant.

Benefits
- Good adhesive properties
- Water and frost-resistant
- Contains additive to improve adhesion
- Pre-mixed, just add water

Applications
Marlon Concrete Glue is typically used for gluing together block masonry, such as aerated concrete, foundation blocks, manhole rings, etc. on both horizontal and vertical surfaces (doesn't slip) and for puttying and repairs in layer thicknesses of up to approx. 5 mm.

Preparation
Wipe the surface clean of any loose material, dust, cement skin, oil, putty remains or other impurities that could prevent adhesion. Marlon Concrete Glue can be applied to solid, dry and moist surfaces. Smooth surfaces must be lightly sanded, to ensure that the glue has sufficient contact.

Mixing
Mixing is done with a slow-rotating drill with a suitable mixer. It is recommended to pour ¾ of the water in a bucket/tub. Next, add the dry powder mix and mix thoroughly while gradually adding the remaining water. Mix well until the mixture is free of lumps and easy to work with. The mixing time is min. 5 minutes, followed by 5-10 minutes of standing and remixing. The tile glue is now ready for use and should be used within 2 hours.

Application
Apply the blended mixture to the horizontal or vertical surface with a trowel, steel filling knife or other suitable material. Preparation time is approx. 2 hours at a temperature of +20°C. Lower temperatures prolong, and higher temperatures shorten the opening and hardening times.

Limitations
Work with Marlon Concrete Glue should not be done at temperatures lower than +5°C or higher than +30°C. Frost is not tolerated during hardening.

Cleaning
Clean tools with water immediately after use. Hardened Marlon Concrete Glue can only be removed mechanically.

Inspection
Marlon Concrete Glue is subject to internal inspection in accordance with Marlon's quality assurance system. Subsequent measuring and mixing at the site of application is not included in quality control.

A solid solution

MARLON

Product information

Manufacturer
Marlon Tørmørtel A/S
Virkelyst 20
DK-8740 Brædstrup

Material type
Functional mortar type T, cementbased glue/lightweight joint glue.

Cement type
Portland cement.

Filler material
Sorted and oven-dried silica sand, cl. E.

Environmental class
Aggressive.

Additives
Adhesion-improving additives.

Added water
About 20% of the dry powder weight. (5.0 þer 25 kg).

Time of use
2-3 hours, depending on the temperature.

Layer thickness
Guideline, approx. 1-5 mm.

Consumption
Approx. 1.5 kg dry powder product per m^2/mm layer thickness.

Packaging
Plastic bag 25 kg

Storage
Min. 12 months in dry and suited conditions in unopened packaging

Technical data	Values	Method
Compressive strength, 28 days	About 10 MPa	DS/EN 1015-11
Density (wet)	2150 kg/m^3	DS/EN 1015-7
Chromatin content	< 2 mg/kg cement	

Information

Item no.	10598
Pr no.	2262830
Version	06.14 replaces 11.12

CE

Marlon Tørmørtel A/S
Virkelyst 20
8740 Brædstrup
Year 11
DoP 1000598

EN 998-2
1073-CPR-171-02
Functional mortar type T:
Masonry mortar for outdoor use in elements/blocks subject to static requirements.

Compressive strength	M10
Chloride content	< 0,1 weight %
Flammability	Class A1
Adhesive strength	NPD
Water absorption	NPD
Steam diffusion Coefficient	NPD
Thermal conductivity/coefficient density	NPD

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