

# 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  $\frac{3}{4}$  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.



# Product information

## Manufacturer

Marlon Tørmørtel A/S  
Virkeyst 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 per  
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<sup>2</sup>/mm layer thickness.

## Packaging

Plastic bag 25 kg

## Storage

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

## Technical data

Compressive strength, 28 days	About 10 MPa
Density (wet)	2150 kg/m <sup>3</sup>
Chromatin content	< 2 mg/kg cement

## Values

## Method

DS/EN 1015-11  
DS/EN 1015-7

## Information

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



Marlon Tørmørtel A/S  
Virkeyst 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