



PUSTLEP 140

Masonry mortar for glass CMUs

Areas of application: Masonry mortar for erecting glass CMU walls and for executing reinforced ribbing in these walls
Indoor and outdoor use

Properties:

- Waterproof
- Frost-resistant
- High mechanic durability
- White or gray
- Class M10

Application procedure:



Technical data	
Item no.	3850
Packaging type	
Quantity per unit	15 kg
Unit per pallet	33 Pcs/pallet
Colour	White
Granulation	0 - 0.5 mm
Consumption	ca. 18kg/m ² of the CMU wall of 19x19x8cm and 10mm joint
Application time	approx. 90 min
Compressive strength (28 d)	≥ 10 MPa
Layer thickness	3 - 10 mm
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 2.1 l/unit
Thermal conductivity λ10,dry	≤ 1.11 W/mK
Reaction to fire	A1
Mortar class	M 10

The product conforms to: • EN 998-2

Material base:

- Portland cement
- Quartz aggregate
- Modifying additives
- Mineral fillers

Surface: The groundwork for the wall should be even, stable, and sufficiently load-bearing
Proceed to works after the groundwork has set, contracted and dried up.

Types of substrate: **Glass CMUs:** Apply directly

Preparation: The dry mix should be made with an appropriate amount of clean, cool water by mixing in a plastering machine or mechanically using a mortar mixer or concrete mixer. The time of mechanical mixing should be 2-3 minutes.
If necessary, depending on the conditions, slightly adjust the amount of water added.
Do not mix the hardened grouting mixture again.

Application procedure: Apply the fresh mortar on the upper edge of each layer of glass CMUs and on the side edge of the CMUs to make sure the mortar fills the joint completely.
For even joints, apply spacers.



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Application conditions:	Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. The CMUs must be even, clean, sufficiently durable and rigid, non-damaged.
Instructions:	A glass CMU wall should be boned by concrete ribs or steel bars immersed in PUSTLEP 150 mortar. Do not use damaged, cracked, chipped CMUs Protect against frostbite, precipitation and excessive drying in the execution of works and during the drying period. The use of protective covers is recommended.
Storage:	Up to 12 months from the date of manufacture, in dry places and in intact packaging
General information:	This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing. All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.