



## MURLEP BZ 122 M10

Winter, white masonry mortar for autoclaved aerated and silicate blocks, M10 class

**Areas of application:** White, thin-layer masonry mortar dedicated to low temperatures - above 0°C, for autoclaved aerated and silicate blocks.  
Indoor and outdoor use

**Properties:**

- Waterproof
- Frost-resistant
- Thin layer
- White
- Accelerated drying
- Early resistance to freezing temperatures
- Class M10

**Application procedure:**



Technical data	
Item no.	29946
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Pcs/pallet
Colour	White
Granulation	0 - 0.5 mm
Consumption	5 kg/m <sup>2</sup>
Application time	approx. 60 min
Compressive strength (28 d)	≥ 10 MPa
Layer thickness	1 - 3 mm
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 5 l/bag
Thermal conductivity λ10,dry	< 0.61 W/mK
Reaction to fire	A1
Mortar class	M 10

**The product conforms to:** • EN 998-2

**Material base:**

- White Portland cement
- Quartz aggregate
- Additives
- Mineral fillers

**Surface:** It is recommended that elements of the same type, kind and class are executed in one story

**Types of substrate:** **Autoclaved aerated concrete elements:** apply directly, moisten if necessary  
**Silicate blocks:** apply directly, moisten if necessary

**Preparation:** Pour the content of the packaging to 6.0 liters of clean, cool water, mix with a low-speed mixer to produce homogeneous mass. Mix again after several minutes.  
If necessary, depending on the conditions, slightly adjust the amount of water added.  
Do not mix the hardened grouting mixture again.



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<b>Application procedure:</b>	<p>Apply the prepared mortar onto the steel trowel and firmly spread a thin layer across the bed using the straight edge. The next step is to apply a thicker mortar layer and spread it using the notched edge of the trowel at an angle of 45-60 degrees to the bed. The size of the area covered with the mortar shall be adjusted to the block laying capacity, not to exceed the open drying time of applied adhesive mortar. It can be verified by touching the grout with a finger, if no adhesion occurs, the open drying time was exceeded and the grout should be removed from the surface and replaced with a fresh layer.</p> <p>Use a dedicated masonry trowel for applying the mortar.</p> <p>Observe all tying principles when erecting walls.</p> <p>Lay the walled up elements directly on fresh mortar, face them and level them.</p>
<b>Application conditions:</b>	<p>Apply in temperatures from 0 °C to +25 °C. These temperatures apply to air, groundwork and product temperature.</p> <p>Walled up elements must be cleaned, stable and non-frozen</p>
<b>Instructions:</b>	<p>Protect against frost, precipitation, excessive drying during the execution of works and drying.</p> <p>Joint thickness should be from 1 to 3mm</p> <p>Permissible temperature drop to -100 °C after 8 hours from application at the earliest.</p> <p>In the case of: performing works during high temperatures, masonry absorptive wall elements, it is recommended that the blocks be moistened with water before applying the mortar. Failure to perform this activity will result in a high risk of „burning“ the mortar and weakening its mechanical strength.</p> <p>Mortar consumption depends on the type of the embedded element. It is:</p> <p>12cm wide block - c.a. 3kg/m<sup>2</sup>, 24cm wide block - c.a. 5kg/m<sup>2</sup>, 36cm wide block - c.a. 7,5kg/m<sup>2</sup>, groove-and-tongue blocks - consumption will be lower by c.a. 20%</p>
<b>Storage:</b>	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>
<b>General information:</b>	<p>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.</p>