



## MURLEP 129

Resistant thin-layer masonic mortar

**Areas of application:** Masonry mortar for thin-jointed autoclaved aerated and silicate blocks  
Indoor and outdoor use  
The mortar is particularly suitable for the erection of walls as well as building and foundation walls, where the strength of the weld seam is particularly important.

**Properties:**

- Waterproof
- Freezeproof
- Thin layer
- Eliminates thermal bridges in the wall
- Class M15
- grey

**Application procedure:**



Technical data	
Item No.	425687
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Stk./Pal.
Colour	grey
Consumption	5 kg/m <sup>2</sup>

**More technical Details:** **Consumption:** 12cm wide block - c.a. 3kg/m<sup>2</sup>; 24cm wide block - c.a. 6kg/m<sup>2</sup>, 36cm wide block - c.a. 9kg/m<sup>2</sup>, groove-and-tongue blocks - consumption will be lower by c.a. 20%  
**Shelf life after mixing with water:** c.a. 3 hours (at +20°C)  
**Compressive strength:** ≥ 15 N/mm<sup>2</sup>  
**Thermal conductivity:** < 0,61 W/(mK)  
**Water mixing ratio:** 5.4l of water for 25kg of the product  
**Soluble chromium VI content:** ≤ 0,0002%

**Material base:**

- Portland cement
- Quartz aggregate
- Refining agents
- 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. Observe all tying principles when erecting walls. Lay the walled up elements directly on fresh mortar, face them and level them.</p>
<b>Application conditions:</b>	<p>Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature. Walled up elements must be cleaned, stable and non-frozen</p>
<b>Instructions:</b>	<p>Protect against frostbite, precipitation and excessive drying in the execution of works and during the drying period. The use of protective covers is recommended. Joint thickness should be from 1 to 3mm</p>
<b>Storage:</b>	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>

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