KREISEL

TECHNICAL DATA SHEET

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
- Frost-resistant
- Thin-layer
- Eliminates thermal bridges in the wall
- Grey

Application procedure

Technical data

Item number	36650
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Colour	Grey
Consumption	≥ 3 kg/m²
Water requirement	5,4 L/unit
Reaction to fire	A1
Compressive strength	≥ 15 MPa (28 d)
Thermal conductivity	< 0,61 W/mK
Chromium content	≤ 0,0002 %
Mortar class	M15 EN 998-2

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Item number	36650
Processing time	180 min

Material base

- Mineral fillers
- Portland cement
- Additives
- Quartz additive

Application conditions

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

Surface

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

Application procedure

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. 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.

Instructions

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 In the case of: performing works during high temperatures, masoning 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. Mortar consumption depends on the type of the embedded element. It is: 12cm wide block - c.a. 3kg/m2, 24cm wide block - c.a. 5kg/m2, 36cm wide block - c.a. 7,5kg/m2, groove-and-tongue blocks - consumption will be lower by c.a. 20%

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

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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 listed in this product specification has been determined under laboratory conditions.