

PRESENTATION
DESCRIPTION

GIUNTO + is a ready-to-use jointing mortar bearing the **CE** mark, class **M2.5** according to **EN 998-2**, with a **2+** control system. It is specially designed for masonry, crack filling, and jointing.

Naturally off-white in color, this mortar is particularly suitable for the rehabilitation and restoration of stone or brick masonry with architectural or historical interest.

Can be tinted.

CHARACTERISTICS

The **GIUNTO +** jointing mortar consists of a blend of selected carbonate quarry sands with a particle size distribution of 0 to 1.4 mm, natural hydraulic lime NHL 5 compliant with EN 459-1, and pozzolan.

The binder of this mortar, naturally hydraulic and with very low soluble salt content, is obtained by calcination of marl limestone rich in silica, fired at low temperature.

Once applied and hardened, **GIUNTO +** mortar exhibits high total porosity, high vapor permeability facilitating rapid evacuation of moisture contained in the masonry, minimal resistance to vapor diffusion, negligible soluble salt content, and adequate adhesion to the substrate.

On request, color samples can be obtained by tinting the mix with natural earth pigments.

The mortar is also available in class M5.

AREAS OF APPLICATION

Suitable for:

- Masonry assembly
- Crack filling
- Jointing of stone or brick elements

COMPOSITION

- Natural hydraulic lime powder NHL5
- Carbonate sands
- Natural pozzolan
- Setting regulators

TECHNICAL SPECIFICATION

IDENTIFICATION DATA	
Aggregate particle size	0-1,4 mm
Bulk density	approx. 1500 kg/m ³
Mix density	approx. 1800 kg/m ³
Mixing water	approx. 21%
Yield	approx. 18 kg/m ² per 1 cm thickness
Compressive strength at 28 days	3,3 N/mm ²
Flexural strength at 28 days	1,4 N/mm ²
Adhesion	≥ 0,3 N/mm ² FP:B
Water vapor permeability coefficient	μ ≤ 15
Capillary water absorption	W1
Thermal conductivity P=50%	0,83 W/mK
Thermal conductivity P=90%	0,93 W/mK
Reaction to fire	A1
pH	11,5
Durability	NPD
Packaging	25 kg bag

Refer to the legal information at the end of the document

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APPLICATION**APPLICATION**

The **GIUNTO +** jointing mortar must be mixed only with clean water. It is recommended to apply the mortar on previously moistened substrates to promote adhesion between layers.

The mortar is applied in two to three coats, or more if necessary, with a maximum thickness per coat of about 10 to 15 mm for filling, and 3 to 4 mm for jointing.

POINTS OF ATTENTION

Application temperature between +5 °C and +35 °C for both substrate and ambient air.

Strictly follow the application protocols according to the intended use of the product. Never use products other than those specified in this technical data sheet to avoid any risk of incompatibility or failure.

For the same project and product type, always use materials with the same batch number. Make sure to use only original, unopened bags.

Always carry out preliminary tests. In case of doubt, please contact us.

ADDITIONAL INFORMATION**WARNINGS**

Our products are sensitive to humidity, frost and heat. Always store them in a dry place, away from frost and without contact with the ground, in the closed original packaging. Never leave products in direct sunlight.

Product intended for professional use. Properly protect areas for which the product is not intended. The operator must be equipped according to current safety regulations. No liability is accepted for damage resulting from incorrect use of the product.

ENVIRONMENT

Dispose of in a specialized waste collection center.

SAFETY

The safety data sheet is available on request or at www.bealinternational.com

LEGAL INFORMATION

The technical instructions and in particular the recommendations about how to apply and use the products are provided in good faith and are based on the current knowledge and experience acquired by BEAL about its products when they are properly stored, handled and applied under normal conditions. In practice, variations in the various materials, substrates and specific conditions encountered on site are such that adhering to this information or to any written recommendation or advice given does not deliver any guarantee of marketable quality other than the statutory guarantee against hidden defects. We accept no liability should the customer fail to adhere to our instructions or recommendations when applying a product. None of the data and information provided relating to the use and application of our product releases customers from the requirement to conduct their own checks and tests. All orders are accepted subject to our current general terms and conditions of business. It is essential that users read the most recent version of the instructions for the product in question, which will be sent to them on request.

The manufacturer reserves the right to modify the above information over time while maintaining the product's characteristics.

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