

MORTAR

ready-to-use, for exposed brick



T20V is a bedding mortar made with TASSULLO FEN-X/A natural hydraulic lime and selected inerts with a maximum granulometry of 2 mm., and is very low in water-soluble salts.

T20V is suitable as bedding mortar in order to obtain a special degree of finish in joint mortar during the placement and finishing of exposed brick.

T20V conforms to UNI EN 998-2 regulations regarding "Specifications for mortar for masonry," and possesses the CE conformity marking in accordance with applicable law.

Comes in: 30 kg. bags and loose in silos

FIELD OF APPLICATION

T20V can be applied on any solid brick which is free of dust, unstable bits, salt deposits or other substances which may come between the surface and the mortar layer.

T20V is particularly recommended for the placing of solid, exposed brick and/or the restoration of joints between the components that comprise the masonry (stone, brick, etc.) in the case of new constructions, and especially for restoration and conservation jobs where there is damage, both functional and aesthetic, due to the formation of deposits.

MIXTURE PREPARATION

T20V is to be mixed only and exclusively with water in the ratio of approximately 5.5 litres of water per bag. The mixture may be made by hand, by means of a concrete mixer, screw feeder, or systems that provide for the automatic pumping of the dry material directly to the floor and its subsequent mixing with water. Avoid mixing times greater than 3 minutes.

APPLICATION

T20V is to be applied by hand following the normal bedding procedure for exposed masonry in solid brick. After application, the visible mortar can be finished with flat or concave tools for a compact, well-pointed surface. Avoid repeating wettings of the mortar for the purposes of prolonging its workability and the possibility of its being finished.

WARNINGS

Surface preparation: ensure that the area is free of dust, salt deposits, unstable bits, oils, mildew, organic material, etc.

Wet surfaces: do not apply **T20V** on blocks saturated with water in order to avoid poor adhesion quality.

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WARNINGS

High-absorbency surfaces: in the case of bricks with high water absorbency, the bricks must first be wetted in order to avoid rapid drying of the mortar. Application of the mortar must in any case be made on bricks which are moist but whose surfaces are dry.

Protection against freezing: do not apply **T20V** at temperatures lower than 5°C. In cold weather it is a good idea to adequately protect the mortar from freezing for the first 48/72 hours after application; the use of antifreeze additives which may hinder workability of the mortar is, however, not recommended.

High temperatures: in the case of high temperatures, take all necessary precautions to prevent too-rapid drying of the mortar mixture.

Supply: it is recommended to order enough material to complete the entire project so as to avoid possible colour differences between different sets of mortar due to natural colour variances in the raw material extracted from the quarry.

TECHNICAL DATA

Granulometry (UNI EN 1015-1)	from 0 to 2 mm
Water addition	0.18 l/Kg (approx. 5.5 litres/bag)
Volumic mass (dry mortar) (UNI EN 1015-10)	1700 - 1800 Kg/m³
Compressive strength (UNI EN 1015-11)	M2.5 (2,5 - 5 N/mm²)
Consumption for bedding for 24 x 11 x 6 cm. bricks	approx. 30 Kg/m²
pH	> 10.5
Fire reaction class	A1

The technical data has been obtained with mortar prepared in a laboratory by mixing in a mixer in conformance with EN 196-1 regulations, for 75 seconds at low speed.

TECHNICAL SPECIFICATIONS

TASSULLO T20V ready-to-use mortar for the bedding and finishing of exposed brick, made with natural hydraulic lime in conformance with UNI EN 459-1 regulations, classified NHL5 and possessing the CE marking in accordance with applicable law, with inerts of a granulometry between 0 and 2 mm., low water-soluble salt content, class M2.5 (UNI EN 998-2) compressive strength, specific apparent weight of 1700 - 1800 Kg/m³, pH > 10.5 and A1 fire reaction class.

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Use of this product implies that the customer has verified its suitability for the particular use it is to be employed for, and assumes all responsibility deriving from said use. The data reported here has been obtained by laboratory measurements. TASSULLO MATERIALI S.r.l. reserves the right at any moment and without prior notice to make any changes in the technical