

## GROUT

ready-to-use, for consolidation rough coats



**T30RC** is a ready-to-use mortar made with FEN-X/A natural hydraulic lime and selected inerts with a granulometric curve of 0 to 4 mm., ideal for making rough coats for consolidation, filling and buffering, exposed masonry joints and brick bedding. Strong, permeable and elastic.

**T30RC** conforms to the technical specifications laid out in the UNI EN 998-1 regulations regarding "Specifications for mortar for masonry – interior and exterior plaster mortars," and possesses the CE conformity marking in accordance with applicable law.

**Comes in:** 30 kg. bags

### FIELD OF APPLICATION

**T30RC** is a grout to be used as a consolidating rough coat, reinforced as needed, on stone masonry weakened by the loss of bedding mortar and where there is the need to restore mortar joints, seal non-cohesive stones and make a first, regularising layer in preparation for subsequent application of the body of the plaster with T30V. Can be applied both inside and out.

**T30RC** allows for rapid application speed as well for mortars that are strong but not rigid, and which maintain a uniform consistency over the course of the application.

**T30RC** is compatible with consolidation techniques which include the use of electrically-welded meshes to reinforce masonry.

### MIXTURE PREPARATION

**T30RC** is to be mixed only and exclusively with water in the ratio of approximately 4.5 litres/bag. The mixture may be made by hand, by means of a concrete mixer, screw feeder, or appropriate, automatic water-mixing systems. Avoid mixing times of greater than 3 minutes.

### APPLICATION

**T30RC** can be applied by hand or by means of a plastering machine suitable for traditional mortars with a granulometry of up to 4 mm., in the following manner:

1. clean the masonry of unstable bits, dust, or any other substance that may limit or compromise adhesion;
2. apply the electrically-welded mesh onto the masonry where required by the consolidation project;
3. apply **T30RC**, totally covering the mesh (at least 10 mm.) and taking care to fill the interstices to the saturation point, as well as the gaps between stone and stone. Avoid straight-edging. Consider the possibility, depending upon structural moisture, to treat the mesh with suitable anti-rust protection or to use zinc-plated or stainless steel meshes;
4. apply the body of the plaster after an appropriate curing period using TASSULLO T30V or T25V ready-to-use mortar depending upon the application methods and finishes noted on the technical-specification sheet;
5. finish with TASSULLO TA01/02 smoothing products followed by TASSULLO Coloured Finish or silicate-based finish or paint, tiles in ceramic or natural stone, or with TASSULLO TF01 finish or TASSULLO TF1000 standard stabiliser and subsequent painting.

**TASSULLO MATERIALI S.r.l.**

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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

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**WARNINGS**

Surface preparation: prepare the surface for application by removing dust, salt deposits, unstable or crumbling bits, mildew, soot, organic material, etc.

Wet surfaces: do not apply on surfaces impregnated with water in order to avoid insufficient adhesion.

High-absorbency surfaces: in the case of surfaces with high water absorbency, it is good practice to preliminarily wet the surface and to take all necessary precautions to avoid too-rapid drying of the mortar.

Low-absorbency surfaces: application on concrete or structures with little or no water-absorbence capacity must be made only upon a previous application of TA02/TA04 (to be applied with a plastering machine and by hand, respectively) as a rough coat and adhesion bridge.

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

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

Thicknesses greater than 3 cm.: for thicknesses greater than 3 cm., especially where there are changes between sections or a lack of uniformity in the surface, the use of fibreglass or zinc-plated steel meshes is recommended along with the making of enough plaster for successive layers, waiting though for the underlying layer to dry first.

**TECHNICAL DATA**

<b>Granulometry (UNI EN 1015-1)</b>	from 0 to 4 mm.
<b>Water addition</b>	approx. 0.15 l/Kg (approx. 4,5 l/bag)
<b>Specific weight (UNI EN 1015-10)</b>	1800 - 1900 Kg/m <sup>3</sup>
<b>Yield</b>	18 - 19 Kg/(m <sup>2</sup> x cm)
<b>Compressive strength (UNI EN 1015-11)</b>	Class CS IV (≥ 6.0 N/mm <sup>2</sup> )
<b>Compressive strength (D.M. 20/11/87)</b>	Class M3 (> 5 N/mm <sup>2</sup> )
<b>Elastic compression module (UNI 6556)</b>	approx. 9000 N/mm <sup>2</sup>
<b>Vapour diffusion resistance (UNI 9233)</b>	μ = 12
<b>pH</b>	> 10.5
<b>Fire reaction class</b>	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 T30RC ready-to-use grout made with natural hydraulic lime, in conformance with UNI EN 459-1, classified NHL5 and possessing the CE marking per applicable law, with selected inerts from 0 to 4 mm., suitable for making rough coats for consolidation, filling and buffering, exposed masonry joints and brick bedding, with specific weight of 1800-1900 Kg/m<sup>3</sup>, class CS IV compressive strength (classification per UNI EN 998-1), elastic module of approximately 9000 N/mm<sup>2</sup>, vapour diffusion resistance (μ) of 12, pH > 10.5 and A1 fire reaction class.