

ADHESIVE for tiles, made with BIO-E



TADP/C is a clear-coloured adhesive for ceramic tiles, gres stone, terracotta, and natural stone (marble, granite) made with BIO-E natural hydraulic lime and selected inerts with a maximum granulometry of 0.5 mm., possessing a high level of strength, adhesion, workability, permeability and durability over time, even under extreme conditions such as humid environments or those subject to significant heat excursions.

Comes in: 30 kg. bags

FIELD OF APPLICATION

TADP/C is applied on screeds and plasters made with BIO-E or other hydraulic binders, or on any rough plaster made with aerial lime or hydraulic binder that is firm, free of dust, uneven areas, salt deposits, mildew, soot, organic material, or any other substance that may hinder adhesion.

MIXTURE PREPARATION

TADP/C is to be mixed only and exclusively with water in the ratio of approximately 7.5 litres/bag. The mixture may be made by hand or with a whisk and drill and a low number of turns, taking care not to mix the product for longer than 3 minutes.

APPLICATION

TADP/C is to be applied with a shaped trowel on the application surface of the tiles, be they in a horizontal or vertical position. The supporting surface may be constituted by screeds or plaster made with BIO-E and inerts or with a lime and cement base, taking care that the surfaces are firm and capable of receiving the application in a uniform coat.

WARNINGS

Surface preparation: apply on clean surfaces, free of dust and uneven areas, salt deposits, oils, crumbling pieces, mildew or other organic material. In the case of cracked plaster, ensure the sufficient adhesion of the existing plaster to the wall and the stability of any cracks before making new applications.

Wet surfaces: do not apply on surfaces impregnated with water or on "fresh" mortars or plastering that have not been sufficiently cured. Do not apply **TADP/C** where the possibility exists of it coming into contact with running or still water in the first week after application.

Protection against freezing: do not apply at temperatures lower than 5°C and protect the product 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/absorbent surfaces: in the case of high temperatures or highly-absorbent plasters or screeds, take all necessary precautions to prevent too-rapid drying of the mortar. Even in the case of preliminary wetting of the structure, application of the adhesive must take place after the surface has dried.

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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 data.

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TECHNICAL DATA

Granulometry (UNI EN 1015-1)	from 0 to 0,5 mm
Water addition	0.25 l/Kg (approx. 7,5 litres /bag)
Volumic mass (UNI EN 1015-10)	approx. 1600 Kg/m ³
Yield	approx. 4 Kg/m ²
Concrete Adhesion (UNI EN 1015-12)	> 0.7 N/mm ²
Elastic compression module (UNI 6556)	approx. 5200 N/mm ²
Vapour diffusion resistance (UNI 9233)	$\mu = 11$
pH	> 10.5
Fire reaction class	A1

TECHNICAL SPECIFICATIONS

TASSULLO TADP/C clear adhesive for ceramic tiles, gres stone, terracotta and natural stone (marble, granite) made with natural hydraulic lime in conformance with UNI EN 459-1 regulations, class NHL 5 and possessing the CE conformity marking in accordance with applicable law, with selected inerts with a granulometry of 0 to 0.5 mm., concrete adhesion greater than 0.7 N/mm², elastic module of approximately 5200 N/mm², vapour diffusion resistance $\mu = 11$, pH > 10.5, A1 fire reaction class, to be applied with a shaped trowel on screeds or two-coat plaster made with a hydraulic binder whose surfaces, be they horizontal or vertical, are firm and allow for the application of a uniform thickness of the product.

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