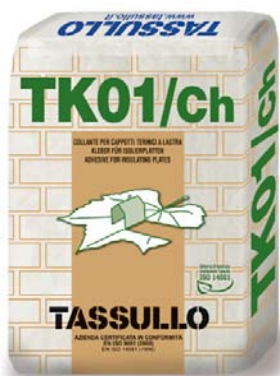


ADHESIVE

for thermal-insulation sheets, made with BIO-E



TK01/CH is a permeable adhesive made with BIO-E, selected inerts with a maximum granulometry of 0.5 mm. and cellulose. It does not contain Portland cement.

TK01/CH is particularly suitable for the adhesion and subsequent reinforced top-coating of permeable insulation panels in cork, rock wool, mineralised wood, silicon calcium, etc.

TK01/CH conforms to the European guidelines ETAG 004.

Comes in: 30 kg. bags

FIELD OF APPLICATION

TK01/CH is used for the placement of permeable insulation panels in cork, rock wool, wood fibre, mineralised wood and silicon calcium, and in the subsequent preparation of the surface for the application of finishing. The product's physical properties, especially its high level of permeability, provide significant advantages in terms of hygrometric regulation for surrounding environments.

MIXTURE PREPARATION

TK01/CH is to be mixed only and exclusively with water in the ratio of 7.5 litres/bag. The mixture can be made by hand, with a whisk and drill with a low number of rotations, screw-feed mixer or with a plastering machine that automatically provides for automatic dosing of the water and for the mixing and pumping of the mixture.

APPLICATION

Use as an adhesive: apply between panel and surface in amounts sufficient to guarantee proper adhesion and stability (4-5 Kg/m²). Application of the adhesive around the external perimeter of the panel and on 4 – 5 interior points is recommended.

Use as smoothing/top-coat finish: apply a first coat of adhesive with a serrated-edge metallic spatula on the exterior surface of the panel once it has been affixed and properly nailed into place, extend a fiberglass mesh with a grammage of greater than 130 g/m² and proceed with a further smoothing with a metallic trowel, adding further product as needed to embed the mesh into the smoothing coat and to make the surface as homogenous as possible in preparation for final finishing.

WARNINGS

Surface preparation: apply on clean and firm surfaces, free of dust, salt deposits, oils, crumbling areas mildew, soot or other organic material. In the case of fissures in the plaster, ensure proper adhesion to the wall of the existing plaster and the stability of any cracks before applying.

Wet surfaces: do not apply on surfaces impregnated with water or where the possibility exists of water coming into contact with the material in the first week after applying.

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 and final properties of the product is, however, not recommended.

High temperatures/absorbent surfaces: in the case of high temperatures or high-absorbency base plasters, take all necessary precautions in order to prevent too-rapid water loss in the product. Even in the case of preliminary wetting of the structure, application of the adhesive must take place after the surface has dried.

TASSULLO MATERIALI S.r.l.

via Nazionale, 157 38010 Tassullo (TN)
Tel: 0463/662100 Fax: 0463/662138
www.tassullo.it areatecnica@tassullo.it



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.

ADHESIVE

for thermal-insulation sheets, made with BIO-E

TECHNICAL DATA

Granulometry (UNI EN 1015-1)	from 0 to 0.5 mm	
Water addition	0.25 l/Kg (approx. 7.5 litres /bag)	
Yield	For adhesion: 4 - 5 Kg/m ²	For smoothing: approx. 3 Kg/m ²
Volumic mass (UNI EN 1015-10)	approx. 1600 Kg/m ³	
Brickwork adhesion (UNI EN 1015-12)	> 0.5 N/mm ²	
Cork-panel adhesion (ETAG 004)	> block tensile strength	
Rock-wool panel adhesion (ETAG 004)	> block tensile strength	
Adhesion to silicon-calcium panel (ETAG 004)	> block tensile strength	
Elastic compression module (UNI 6556)	approx. 5300 N/mm ²	
Vapour diffusion resistance (UNI 9233)	$\mu = 14$	
pH	> 10.5	
Fire reaction class	A1	

TECHNICAL SPECIFICATIONS

TASSULLO TK01/CH adhesive for the affixing and top-coating of permeable panels for thermal insulation in cork, rock wool, mineralised wood, silicon calcium made with natural hydraulic lime in conformance with UNI EN 459-1 regulations, class NHL5 and possessing the CE marking in accordance with applicable law, with selected inerts with granulometry of 0 to 0.5 mm., conforming to European guidelines ETAG 004, for pull-out strength and tensile strength for standard panels for thermal insulation in sheets, with elastic module of approximately 5300 N/mm², specific weight of approximately 1600 Kg/m³, vapour diffusion resistance (μ) of 14, pH > 10.5 and A1 fire reaction class.

TASSULLO MATERIALI S.r.l.

via Nazionale, 157 38010 Tassullo (TN)
 Tel: 0463/662100 Fax: 0463/662138
 www.tassullo.it areatecnica@tassullo.it



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.