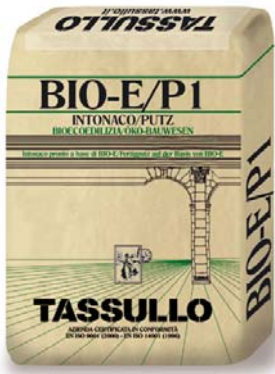


## PLASTER

Ready-to-use, made with BIO-E



**BIO-E/P1** is a ready-to-use plaster made with BIO-E and selected inerts with a granulometry of between 0 and 1.4 mm., suitable for the creating of both interior and exterior plasters. It is free of cement and is highly-spreadable and workable even without the use of synthetic additives. The high level of permeability of the BIO-E natural hydraulic lime blocks the forming of mildew and facilitates the hygrometric regulation of surrounding environments.

**BIO-E/P1** conforms to the UNI EN 998-1 regulations regarding "Specification 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 or loose from silos

### FIELD OF APPLICATION

**BIO-E/P1** can be applied on any regular, dry and uniform surface, free of dust, salt deposits, uneven areas, oil, mildew, organic material, etc.

**BIO-E/P1** allows for the creation of plasters on vertical walls and ceilings in 10/15 mm. layers.

**BIO-E/P1** can be applied both inside and out.

### MIXTURE PREPARATION

**BIO-E/P1** is to be mixed only and exclusively with water in the ratio of 6.5 litres/bag.

The plaster is to be applied with continuous-spray plastering machines that automatically dose the water into the mix without the adding of binders or inert substances.

### APPLICATION

**BIO-E/P1** provides ease and speed of application and spreading of the plaster on walls as opposed to the use of plaster mortars made on-site.

**BIO-E/P1** can be finished as desired with a straight edge, American trowel or sponge. Once hardened, it can handle any type of two-coat finishing (lime putty, TASSULLO TA01, TA02, TF01 Stabiliser, etc.) and successive TASSULLO Coloured Finishes or silicate finish or paint, ceramic or natural-stone tiles, etc.

### WARNINGS

**BIO-E/P1** is to be applied on uniform, regular, dry and clean walls, free of dust, uneven areas, remains of old plaster or paint, salt, oil, grease, etc. Do not apply the plaster on walls impregnated with water.

Low temperatures: in cold weather it is a good idea to apply the finish during the warmest hours of the day, and never in any case at temperatures lower than 2 °C.

High temperatures: it is good practice in the case of high temperatures to protect the material from too-rapid drying.

Ventilation: excessive ventilation may lead to the rapid drying of the surface.

Low-absorbency surfaces: application on concrete or particularly-smooth surfaces with little or no water-absorbance capacity must be made after applying the adhesion promoter TASSULLO TA02/TA04 (to be applied with a plastering machine or by hand) as a rough coat and adhesion bridge.

**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 data.

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## TECHNICAL DATA

Granulometry (UNI EN 1015-1)	from 0 to 1.4 mm
Water addition	0.21 l/Kg (approx. 6.5 l/bag)
Yield	approx. 13.5 Kg/(m <sup>2</sup> x cm)
Compression strength (UNI EN 1015-11)	CS II ( 1,5 - 5 N/mm <sup>2</sup> )
Adhesion strength (UNI EN 1015-12)	≥ 0.20 N/mm <sup>2</sup>
Thermal conductivity (value tabulated according to EN 1745:2002 Prosp. A.12)	λ = 0.54 W/(m x °K)
Vapour diffusion resistance	μ = 11
pH	> 10.5
Fire reaction class	A1

The technical data was obtained with a laboratory-prepared mortar by the mixing with a mixer in conformance with EN 196-1 regulations for 15 seconds at low speed followed by 5 seconds of mixing at high speed.

**TECHNICAL SPECIFICATIONS**

*Two-coat plaster with finished thickness of 15/20 mm. for interior and exterior surfaces with the use of ready-to-use, TASSULLO BIO-E/P1 product made with BIO-E and inert substances with a granulometry of between 0 and 1.4 mm., with compression strength class CS II (classified according to UNI EN 998-1 regulations), vapour diffusion resistance μ = 11, adhesion to brickwork surface strength greater than 0.2 N/mm<sup>2</sup>, pH > 10.5 and A1 fire reaction class.*

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