

**Technical Data Sheet H-40 PLASTER**
**BIO-PLASTER IN RAW CLAY**

**DESCRIPTION:** Ready-to-use bio-plaster base, based on raw clay, silica sands and crushed earthenware. Suitable for interiors, applicable by hand or mechanically.

Also suitable for supports with wall heating. Naturally organic product, indoor humidity regulator, sound-absorbing, very breathable, air grip. To be applied in 1 cm layers. with the arriccio technique.

**COMPOSITION:** Selected clay, silica sand in a 0/3 mm granulometric curve and hydrated lime (free from hydraulic binders and substances of synthetic origin).



**FIELDS OF USE:** Internal use. To be applied thick on terracotta brick, cellular concrete, rough reinforced concrete, raw brick.

Being a natural clay plaster, it clings to the substrate mechanically, so it needs a sufficiently porous and rough base such as terracotta brick, handmade raw brick, plaster arella. In the case of difficult substrates such as vibrated reinforced concrete, it is essential to perform a scratch coat, or for wooden surfaces apply the plaster holder. For applications on unfired bricks, apply the Heres lime water-based consolidant beforehand and consult the relevant technical data sheets.

**APPLICATION AND PROCESSING:** Mix the product in a concrete mixer or mixer adding water until the desired consistency is obtained, let it rest for 20 minutes then stir. The product is applied by hand or with a special plastering machine for a maximum thickness of 1.5-2 cm each coat, overlapping is always carried out on dry plaster.

After the last coat, when the plaster is still soft, it is a good idea to apply jute mesh to give greater elasticity and resistance to the plaster. For the installation of the latter, consult the specific technical data sheets. Heres H-40 should always be applied on a previously moistened substrate.

**INDICATIONS:** The drying phase of the plaster involves the loss of water which could cause cavities, which, on a structural level, do not compromise the technical characteristics of the product. Do not apply to substrates that are afraid of humidity or rising salts.

The product is applied at temperatures between 5 and 30°C, avoid quick drying of the product.

**TECHNICAL DATA:** Packaging: available in 30 kg bags and 1500kg big bags. Store away from water.

UNI EN 998 conformity.Specific weight	1500 kg/m <sup>3</sup>
Lambda	0.59 W/m °K
Consumption	ca 15 kg/mq x cm

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N.B. The data given refer to general tests and experiments and may be modified according to the conditions of installation. The user must in any case check the suitability of the product for the intended use, assuming all liability arising from the use. Heres reserves the right to make technical changes without prior notice.

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