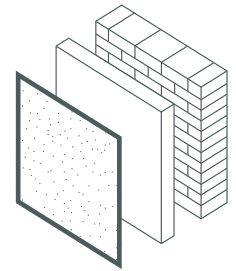
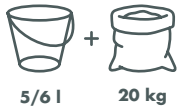


# RH410



## BLEND



5/6 l

20 kg

## APPLICATION



5° - 30°

## Operative data

- Supply of pre-packaged powdered mortar type UNI EN 998-1. Packaged in 20 kg paper bags.
- Dilute by adding clean water, 5/6 liters per bag.
- Application temperature between + 5° C and + 30°C.
- Indicative consumption 2,5-3 kg/m<sup>2</sup> per two layers of 2 mm of thickness each.
- Thickness: 4 mm



The data shown refer to tests carried out by the CMR snc (VI) laboratory; during site application these can be significantly modified according to the conditions of installation. The user must however check the suitability of the product for the intended use, assuming all responsibility that derive from the use. Our products are subject to continuous controls both on raw materials and on the finished products, in order to guarantee constant quality. Our technicians and consultants are at your disposal for information, clarifications and questions about the use and pose of our products. RiceHouse srl reserves the right to make changes without prior notice.

## FINISHING PLASTER

Natural base finishing blend made of clay, hydraulic lime and rice chaff naturally coloured, designed for interiors.

### Components

RH410 bioplaster is a composition based on highest quality clay, hydraulic lime NHL 3.5 certified UNI EN 459-1, air lime in hydrate form certified according to UNI EN 459-1 CL90s and rice chaff coming from italian rice field only.

### Product description

RH410 natural finishing is a high quality finishing that benefits from rice chaff's chemical components, together with clay derived from the mechanical treatments applied on rice fields and a selection of natural lime, creating a material with a great surface strength and a high evaporation capacity. The material also benefits from a stable colouring made with natural soils and marble powders. RH410 finishing is supplied in a pre-packaged blend and is specifically suitable for interiors.

### WARNINGS!

Do not apply the product at temperatures below + 5°C and above + 30°C. Follow the instructions in this datasheet. For inquiries please contact our technical service at +39 329 1869562.

## Technical features

Thermal conductivity	λ 0,53 (W/mK)
Resistance to water vapor diffusion	μ 13 (-)
Adhesion	0,3 (N/mm <sup>2</sup> )
Compression strenght	5 N/mm <sup>2</sup>
Density of the hardened mortar	1485 (kg/m <sup>3</sup> )
pH	10,5
Reaction to fire	A1
Water absorption	W0
Grain size	from 0 to 1 mm

## Quality



The RH410 bioplaster, thanks to the perfect symbiosis of natural materials, guarantees excellent qualities as:

- Improvement of the indoor **living comfort** and wellbeing
- **Reducing** indoor **pollution** by subtracting CO<sub>2</sub> from the air inside the building's structures
- **Healthiness** of the walls for a maximum well-being
- **Regulates** internal **humidity**
- The high **breathability** of the plaster layers allows to absorb significant amounts of water vapor
- Good adherence and **performance compatibility** with all types of masonry
- The biocomposite generates an **extremely reduced ecological footprint**
- The product is an **Italian brand** consisting only of raw materials produced in Italy, from a short supply chain
- The use of rice residuals **reduces the environmental impact**, generated during the production, use, disposal and recycling of the compound, to **almost zero**

## Method of application

### 1. Preparation of the support

- Moisten the underneath plaster layer in order to ensure a gradual grip avoiding "burn marks" of the mortar.

### 2. Preparation of the blend

- Blend, adding to the pre-packaged bag 5/6 litres of clean water, until obtaining doughy blend and without lumps.

### 3. Application of the plaster

- Realization on rough plaster made of clay and rice husk already fixed, applied with two layers, the first one made with an american spatula in order to evenly smoothen any roughness on the surface, the second one made when the coat has been trowelled (with a sponge board) with intonachino arenino, for a roughly overall thickness of 4 mm.

### Variations of processing

- Smooth base coat realized with a stainless steel spatula, compressing and smoothing the surface.
- Materic base coat realized with a plastic spatula.

### 4. Recommendation

- Apply at temperatures between + 5 ° C and + 30 ° C.
- Since these are natural products, claims regarding the difference between chromatic tones of already applied materials are not accepted, especially if the material has been purchased at different times.

### 5. Method of conservation

- Pay attention during 3/10 days following the first layering: the base coat plaster can get indelibly stained (in fresco) if stained with spatters of mortar or dirt.
- The product can be stored for 4 months in dry places. Keep away from frost.

### 6. Security

- Due to its natural lime content, RH410 is an alkaline material. Use of a mask and gloves is recommended during application. In case of accidental contact with the eyes, wash thoroughly with water and consult a doctor.

The RiceHouse plasters and products, while being easy to apply, are subject to the quality of installation. The installation of the materials that we produce must necessarily be subject to the instructions of our area managers. RiceHouse srl reserves the right to make changes without prior notice.