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# CocciotermMGN

## Lime thermal and ground terracotta

**COCCIOTERM MGN**it is a thermal plaster made of natural lime, ground terracotta and natural perlite with excellent insulating and sound-absorbing characteristics and good mechanical resistance. It is the evolution of an ancient concept, as the porosity of the lime and ground terracotta give the product a high vapor permeability and the ability to regulate the humidity present in the masonry. The external insulation in COCCIOTERM favors the elimination of thermal bridges, and the use of the thermal accumulation capacity of the wall to attenuate the transmission of daily thermal oscillations.




Code: COCCTER

## DATA SHEET

**EMPLOYMENT AS**
Thermal plaster, both internal and external

**WHERE**
New buildings of any type, restorations and renovations, redevelopments, buildings with alternative special structures.

**COMPOSITION**
**natural aerial lime**in hydrated form (powder) certified according to UNI EN 459-1 CL90S purely calcium i.e. with more than 90% hydroxide,**natural hydraulic lime NHL 3.5 c**UNI EN 459-1 certified,**ground cooked**selected in grain size curve from 0 to 3 mm,**natural perlite**certified according to EN 13055-1**, aerating and natural thixotropic**

**PECULIARITIES**
Breathable, Product for green building, Single antique pink colour

**CERTIFICATIONS**

| | |
|---|---|
| **Uni En 998-1:2016** | thermal insulation mortar - T % |
| **TUVIT-LMR-0025** | recycled CAM |

**CHEMICAL-PHYSICAL CHARACTERISTICS**

| | |
|---|---|
| ph | 10.5 |
| Specific weight | 420 kg/m³ |
| Thermal conductivity | **λ 0.062** |
| Heat resistance | NPD |
| Adhesion to the support | 0.1 N/mm² |
| Permeability to water vapor | μ 7 |
| Compression | CSII |
| Water absorption | W1 |
| specific heat | 2.06 J/g°C (20°C) |

Presence of harmful substances absent

**OPERATIONAL DATA**

| | |
|---|---|
| granulometry | from 0 to 3 mm |
| availability | in 15 kg bags - pallet of 40 dust bags |
| typology | |
| color | antique pink |
| indicative thicknesses | consult our technical service |
| consumption | **6 kg/m2**per cm of thickness +/- 10% (approximate) 7.5 |
| water ratio per bag | liters per bag |
| application temp | from +5 to +30 °C |

FONDO

PER INTERNO ED ESTERNO

APPL. MACCHINA INTONACATRICE

APPLICAZIONE MANUALE

COLORE UNICO ROSA ANTICO

NO SOST. NOCIVE

CE 998-1 T

# COCCIOTHERMMGN

## Lime thermal and ground terracotta



**POSSIBLE COMBINATIONS**
all MGN products

**PROCESSINGS**
With straightedge, applied in several coats

## INDICATIONS FOR USE

### APPLICATION

Manual or plastering machine
In the presence of rising damp or cementitious substrates lacking adhesion, it will be necessary to proceed with treatment with**"MGN render"** (see technical data sheet).
The operations indicated below in this manual, preliminary to the application of the product, are mandatory and indispensable in order to ensure the success of the application and ensure the finished work is done in a workmanlike manner. If there is old plaster, it must be removed completely and gypsum-based plasters should be removed with particular attention. Clean the brick joints thoroughly if they are in deteriorated conditions. Replace the degraded elements and close the major holes with lime mortar and pieces of brick. Wash the masonry with a pressure washer to remove dust, salts and greasy dirt. In the presence of a new wall, wash the masonry with a jet of water in order to remove dust, salts and greasy dirt. Before application, make sure that the surface has received the right degree of wetting (such as to guarantee gradual setting without burning the Malta) in relation to atmospheric conditions.**When to apply Rinzaffo MGN**: On reinforced concrete beams and walls, as an adhesion bridge. on stone and tuff walls, as an adhesion bridge and absorption regulator, on slightly damp walls as an absorption regulator and barrier to salts. Apply at least 0.8 cm of RINZAFFO MGN to full coverage as described in the specific sheet.
For hand application, mix for 3-5 minutes in a concrete mixer, pouring in the necessary water and the COCCIOTERM product until obtaining a mixture with a homogeneous appearance and creamy consistency. For machine application, pour the contents of the COCCIOTERM package into the plastering machine without adding other materials or additives. Supply the plastering machine with drinking water. Some tests are recommended to adjust the appliance and the consistency of the mortar. Apply the product in layers of max. 2 cm thick and level with a straightedge. Apply a new layer only when the previous one has hardened and the mixing water has evaporated. The last layer must be straightened with a straightedge without compressing it, leaving it to cure for 15-20 days, making it suitable for receiving regularization plasters in natural lime such as: Rasante B-40 MGN and Rasante B-2007 MGN (applied with a suitable mesh). Subsequently, any natural lime finishes will be applied. The application will take place at room and support temperatures between +5 and +30 °C and with a RH not exceeding 70%, in the absence of wind.

### PRECAUTIONS

Carefully follow the instructions contained in this product application sheet and if in doubt, consult our technical service.

### NOTE

The data reported refers to tests and certifications carried out in normalized environmental conditions. Practical construction site applications can make data significantly modified depending on the conditions and method of implementation. The information contained in the present Data sheet is purely indicative. The user must verify its suitability for use and take on the responsability arising from use. MGN srl reserves the right to make technical changes of any kind without notice.

### SAFETY / HEALTH

for the natural lime content, COCCIOTERM MGN turns out to be an alkaline material. It is advisable to use a mask and gloves while working. In case of accidental contact with eyes, wash with plenty of water and consult a doctor.

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