

**DATA SHEET****OLEOMALTA BASIC****Exclusive product Ecomat s.r.l.****DESCRIPTION**

Single-component paste base containing a special water-based polymeric mixture, also characterized by ingredients deriving from renewable oil-vegetable sources and selected mineral fillers coming from recycling. Specific product for decorative smoothing aimed at creating continuous surfaces (floors and coverings, in residential, exhibition and commercial settings).

Excellent mechanical resistance.

Free from cement and hydraulic binders.

Applicable with a spatula in all its versions.

**Modular product.**

OLEOMALTA BASE allows you to create OLEOMALTA in all its versions:

- \_OLEOMALTA 800 with addition of spherical quartz 0.4-0.8;
- \_OLEOMALTA 500 with addition of spherical quartz 0.1-0.5;
- \_OLEOMALTA 250 with addition of spherical quartz 0.06-0.250
- \_OLEOMALTA 200 with addition of spherical quartz 0.06-0.200;
- \_OLEOMALTA EXTRA FINE (as is).
- \_OLEOMALTA A MARE Maxi, Medium, Fine, (sea shells)
- \_OLEOMALTA ECOCCIO (ground terracotta)
- \_OLEOMALTA ECOPERLA (mother-of-pearl flakes)
- \_OLEOMALTA CARRARA (Carrara marble sands)

Add the specific pre-dosed fillers to obtain all versions of OLEOMALTA.

7 kg package: add desired pre-measured charge (see application cycle sheets)

14 kg package: add desired pre-measured charge (see application cycle sheets)

**COMPOSITION**

Single-component formula based on a special mixture of copolymers in aqueous emulsion and selected mineral fillers coming from certified recycling.

Contains ingredients deriving from renewable oil-vegetable sources. Free from lime and gypsum cements.

**FIELDS OF APPLICATION**

Floors, walls, ceilings Indoor environments. Furniture and design.

Screeds, plasters, cement-based smoothing compounds and cement-based adhesives (after appropriate preparation of the base).

Also applicable on existing surfaces based on the reference system (after appropriate preparation of the base or support).

**APPLICATION PROCEDURE**

Check the objective consolidation of the support before proceeding with the desired continuous system.

The supports must be dry, compact, resistant, flat, stable, mature and free of cracks or cracks.

The supports must be clean and free from stains of oil, grease, paint, wax or in any case from substances that can be removed chemically, mechanically or through simultaneous chemical and mechanical action; always refer to the regulations laid down for the correct use of the coating and preparations of the supports .

**ECOMAT s.r.l.**

47842 San Giovanni in Marignano (RN) Via al Mare 20 – ITALIA

Tel (+39) 0541 827276 Fax (+39) 0541 957874

info@oltremateria.it ecomatsrl@cn.legalmail.it C.F. P.IVA 03819090402

## STANDARD OLTREMATERIA SYSTEM (Quartzes)

Installation surface: CEMENT SCREED LAYED ON SLAB.

The preparation of a concrete subfloor requires careful preliminary checks.

Before the intervention, evaluate that there is no rising humidity and make sure that the screed has been created in full compliance with the performance levels based on the reference standards.

Proceed with any surface restoration works using specific products for repairing concrete (cracks, fissures, flatness, shrinkage, etc.).

For further information, we invite you to consult our APPLICATION GUIDE in the dedicated sections.

**PREPARATION PHASES WITH THE USE OF SPHERICAL QUARTZ AGGREGATES (for all other combinations of use of different aggregates refer to the specific technical data sheets and the application guide)**

### 1. PHASE

Mechanical smoothing of the screed using a single brush. Make a dent in the cortical layer, checking the consistency of the installation surface. Mechanical dust extraction.

### 2. PHASE

\_Product: ECOPRIMER single-component primer in aqueous emulsion.

\_Dilution: use the product as it is or dilute with 10% water. Mix with drill and whisk. Leave to rest for 15 minutes.

\_Tool: medium hair nylon roller.

\_Pot life: -----

\_Number of coats: 1 or maximum 2 coats, based on the degree of absorption and openness with reference to porosity.

\_Overlay time at 25°C: 4-6 hours

\_Approximate consumption: from 0.05-0.300 [kg/m<sup>2</sup>].

### 3. PHASE

\_Product: FONDOFLEX elastic smoothing compound, ready-to-use single-component anchoring primer in paste.

\_Dilution: add up to 2% water. Mix with drill and whisk. Leave to rest for 15 minutes.

\_Tool: spatula.

\_Pot life: -----

\_Number of coats: 1, incorporating the 64 or 73 g net.

\_Overlay time at 25°C: 6-8 hours.

\_Approximate consumption: 0.8-1.0 [kg/m<sup>2</sup>].

\_Mesh: glass fiber (73 or 64 g/m<sup>2</sup>).

\_Instructions: smooth the product onto the mesh once positioned on the installation surface. Do not exceed in consumption.

Do not compensate for any roughness in the flatness with the product. Don't cross the fence but simply pull over.

### 4. PHASE

Mechanical sanding using a single brush.

Use 80 grit glass paper.

Mechanical dust extraction.

Wipe over with a damp fleece to collect any dust residues.

## OLEOMALTA 800

Product preparation.

Open the package containing OLEOMALTA BASE. 7 kg or 14 kg pack.

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Mix for two minutes with a mixer drill and whisk.

Add the color from the OL series or possibly the powders from the TERRE NATURALI series.

Shake the OL color toner strongly before adding it, taking care to use part of the water necessary for preparing the product to perfectly collect all the pigment.

Add the pre-measured charge 800 (0.4-0.8).

Add water from 2% to 4% based on use.

On average, start with 3% water added to the total product (BASE+FILLERS) and possibly increase gradually.

Mix with a drill and whisk at low speed until you obtain a soft, creamy and evenly pigmented paste.

Leave to rest for a few minutes and stir to help the air escape.

If necessary, it will be possible to add 1% more water.

\_ Tool: spatula

\_ Pot-life: ----

\_ Number of hands: 1.

\_ Approximate consumption for one coat: 1.2-1.4 [kg/m<sup>2</sup>].

\_ Overlay time at 25°C: 12 hours.

\_ Indications: in order to facilitate the application of the next coat, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively the MONO CONSOLIDANT 4.1.1 always diluted 1 to 1 with water.

Apply with a roller.

Mechanical sanding using a single brush.

Use 36-60 grit glass paper.

Mechanical dust extraction.

Wipe with a damp fleece to collect any dust residues.

### **OLEOMALTA 500**

Product preparation.

Open the package containing OLEOMALTA BASE. 7 kg or 14 kg pack.

Mix for two minutes with a mixer drill and whisk.

Add the color from the OL series or possibly the powders from the TERRE NATURALI series.

Shake the OL color toner strongly before adding it, taking care to use part of the water necessary for preparing the product to perfectly collect all the pigment.

Add the pre-measured charge 500 (0.1-0.5).

Add water from 2% to 4% based on use.

On average, start with 3% water added to the total product (BASE+FILLERS) and possibly increase gradually.

Mix with a drill and whisk at low speed until you obtain a soft, creamy and evenly pigmented paste.

Leave to rest for a few minutes and stir to help the air escape.

If necessary, it will be possible to add 1% more water.

\_ Tool: spatula

\_ Pot-life: ----

\_ Number of hands: 1-2.

\_ Approximate consumption for one coat: 0.6-0.8 [kg/m<sup>2</sup>].

\_ Overlay time at 25°C: 8 hours.

\_ Indications: in order to facilitate the application of the next coat, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively IL MONO CONSOLIDANT 4.1.1 always diluted 1 to 1 with water.

Apply with a roller.

Mechanical sanding using a single brush.

Use 36-60 grit glass paper.

Mechanical dust extraction.

Wipe with a damp fleece to collect any dust residues.

### **OLEOMALTA 250**

Product preparation.

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Open the package containing OLEOMALTA BASE. 7 kg or 14 kg pack.  
Mix for two minutes with a mixer drill and whisk.  
Add the color from the OL series or possibly the powders from the TERRE NATURALI series.  
Shake the OL color toner strongly before adding it, taking care to use part of the water necessary for preparing the product to perfectly collect all the pigment.  
Add the pre-measured charge 250 (0.06-0.250).  
Add water from 2% to 4% based on use.  
On average, start with 3% water added to the total product (BASE+FILLERS) and possibly increase gradually.  
Mix with a drill and whisk at low speed until you obtain a soft, creamy and evenly pigmented paste.  
Leave to rest for a few minutes and stir to help the air escape.  
If necessary, it will be possible to add 1% more water.  
\_ Tool: spatula  
\_ Pot-life: ----  
\_ Number of hands: 1-2.  
\_ Approximate consumption for one coat: 0.5-0.7 [kg/m<sup>2</sup>].  
\_ Overlay time at 25°C: 4-6 hours.  
\_ Indications: in order to facilitate the application of the next coat, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively the MONO CONSOLIDANT 4.1.1 always diluted 1 to 1 with water.  
Apply with a roller.  
Mechanical sanding using a single brush.  
Use 80-100 grit glass paper.  
Mechanical dust extraction.  
Wipe with a damp fleece to collect any dust residues.

### **OLEOMALTA 200**

Product preparation.

Open the package containing OLEOMALTA BASE. 7 kg or 14 kg pack.  
Mix for two minutes with a mixer drill and whisk.  
Add the color from the OL series or possibly the powders from the TERRE NATURALI series.  
Shake the OL color toner strongly before adding it, taking care to use part of the water necessary for preparing the product to perfectly collect all the pigment.  
Add pre-measured charge 200 (0.06-0.200).  
Add water from 2% to 4% based on use.  
On average, start with 3% water added to the total product (BASE+FILLERS) and possibly increase gradually.  
Mix with a drill and whisk at low speed until you obtain a soft, creamy and evenly pigmented paste.  
Leave to rest for a few minutes and stir to help the air escape.  
If necessary, it will be possible to add 1% more water.  
\_ Tool: spatula  
\_ Pot-life: ----  
\_ Number of hands: 1-2.  
\_ Approximate consumption for one coat: 0.4-0.6 [kg/m<sup>2</sup>].

\_ Overlay time at 25°C: 4-6 hours.

\_ Indications: in order to facilitate the application of the next coat, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively the MONO CONSOLIDANT 4.1.1 always diluted 1 to 1 with water.  
Apply with a roller.  
Mechanical sanding using a single brush.  
Use 80-100 grit glass paper.  
Mechanical dust extraction.  
Wipe with a damp fleece to collect any dust residues.

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## **OLEOMALTA EXTRA FINE BASE (as is)**

Product preparation.

Open the package containing OLEOMALTA BASE. 7 kg or 14 kg pack.

Mix for two minutes with a mixer drill and whisk.

Add the color from the OL series or possibly the powders from the TERRE NATURALI series.

Shake the OL color toner strongly before adding it, taking care to use part of the water necessary for preparing the product to perfectly collect all the pigment.

Add water from 1% to 4% based on use.

Mix with a drill and whisk at low speed until you obtain a soft, creamy and evenly pigmented paste.

Leave to rest for a few minutes and stir to help the air escape.

\_ Tool: spatula

\_ Pot-life: ----

\_ Number of hands: 1-2-3.

\_ Approximate consumption for one coat: 0.1-0.3 [kg/m<sup>2</sup>].

\_ Overlay time at 25°C: 2-3 hours.

\_ Indications: in order to facilitate the application of the next coat, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively the MONO CONSOLIDANT 4.1.1 always diluted 1 to 1 with water.

Apply with a roller.

Mechanical sanding using a single brush.

Use 120/250 grit glass paper

Mechanical dust extraction.

Wipe with a damp fleece to collect any dust residues.

## **Possible combinations Standard (quartz):**

**OLEOMALTA 800 + OLEOMALTA 500 for a spatula effect with high materiality.**

**OLEOMALTA 800 + OLEOMALTA 250 for a spatula effect with medium materiality.**

**OLEOMALTA 800 + OLEOMALTA 200 for a stuccoed material spatula effect.**

**OLEOMALTA 800 + OLEOMALTA 250 + OLEOMALTA 250 for a spatula effect with low materiality.**

**OLEOMALTA 800 + OLEOMALTA 200 + OLEOMALTA 200 for a spatula effect with very low materiality.**

Shave the product to zero following the grain size present or the filler added as an indicator of the thickness. Always wait for the indicated times and for the product to dry perfectly before proceeding with sanding and overlaying.

If we do not use the entire quantity of product present in the package, we can keep it for a subsequent application. In this case it is necessary to clean the walls of the container well with a damp sponge and apply a polythene film (transparent nylon) firmly adhering to the product before closing the package.

Store the product in a dry place.

Wait at least 24 hours before applying the transparent protectant.

In order to facilitate the application of the two-component transparent protective, especially in particularly hot periods or in very large spaces, it is possible to apply, after sanding and dust extraction, single-component ECOMONO diluted 1 to 1 with water or alternatively the CONSOLIDANT MONO 4.1.1 always diluted 1 to 1 with water. Apply with a roller.

Wait approximately 6-8 hours before proceeding with the two-component protectant.

The type of application, especially on the floor, must be closely linked to the technical and performance characteristics of the reference continuous system.

## **PACKAGING**

Material: Plastic. Bucket. Quantity: 7-14 [kg]

## **STORAGE**

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12 months in original, well-closed packaging. Store in a cool, dry place with a temperature between 5°C and 35°C.

### **CLEANING**

Tools can be cleaned with water. Do not disperse the washing water into the environment.

### **VOC (DIRECTIVE 2004/42/EC)**

High performance single-component paints category.

Expressed in g/l, ready-to-use product.

Category VOC limit: 140.00

Product VOC:

54.02 BASIC VERSION

WITH ADDITIONAL CHARGES: 37.51

### **PRODUCT DATA**

Appearance	Pasta
Color	White
Smell	of paint
Chemical nature	Single-component formulation based on a special mixture of copolymers in aqueous emulsion and selected mineral fillers, coming from certified recycling.
Relative density	1.7 g/cm <sup>3</sup>
pH	8
Maximum aggregate diameter	20 microns basic version - 0.8 mm 800 version - 0.5 mm 500 version - 0.25 mm 250 version - 0.2 mm 200 version

### **TECHNICAL-APPLICATION DATA**

Minimum application temperature	10°C
Maximum application temperature	30°C
Ambient relative humidity	≤ 70%
Waiting time for next product (protective)	24 hours at 20°C
Solubility	Water soluble
Support capillary rising humidity.	≤ 2.5%
Maximum thickness	0.8 mm in one coat version 800

### **USEFUL TIPS**

Do not apply on damp supports or in the presence of capillary rising humidity.

Apply at temperatures above 10°C.

Do not apply at temperatures above 30°C.

Do not mix with other substances other than those indicated.

Shake before use using a mixer-drill and whisk.

Do not apply in conditions of environmental relative humidity higher than 70%.

Fear the frost. Product in emulsion.

Do not artificially speed up drying.

Do not use in correspondence with expansion joints, structural cracks or in the presence of vertical differential movements.

Once dry, the product does not undergo particular shrinkage and does not form cracks.

Consumption and application methods, especially on floors, require the operator to use a precise and correct installation technique.

An excess of product on the floor can totally compromise the success of the continuous cycle or system applied.

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The drying of the product is strictly linked to the temperature and degree of ventilation of the support

### **TRANSPORT**

The product is not to be considered dangerous pursuant to the provisions in force regarding the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

The supplier guarantees that the product will not deteriorate under normal conditions of storage and use. The information described above corresponds to our experience and tests, is to be considered indicative and must be confirmed by practical applications. Before use, check the suitability of the product for the intended use or purpose. The operator assumes all responsibility deriving from the use of the product. Product for professional use. ECOMAT srl, not being able to directly control the conditions and methods of installation, does not assume any responsibility deriving from the installation of its products. Anyone who intends to use our products must conduct adequate site tests to verify the suitability of the intended use.

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