



COLMEF
BUILDING BETTER

Murobello

TOP-QUALITY ORGANIC QUARTZ MINERAL HYDRO PAINT, MOULD-RESISTANT, HIGHLY BREATHABLE, ANTI-DRIP, HIGH COVERAGE, EXCELLENT WHITENESS, FILLING, SATIN EFFECT, RESISTANT TO DRY RUBBING, WASHABLE, GUARANTEED FOR DECORATING EXTERIOR WALLS.



TECHNICAL DATA SHEET - REV. 01/2022

DESCRIPTION

MUROBELLO is a superior quality wall paint for outdoor walls, with an acrylic binder base in water dispersion, light-stable pigments, quartz, precious mineral fillers and special anti-mould additives. These components make the product highly breathable, water repellent, weather resistant, washable, with a high degree of coverage and excellent whiteness. The thick film and filling qualities enables MUROBELLO to mask small imperfections of the surface, giving the wall an excellent resistance to impacts and abrasions.

FIELDS OF APPLICATION

MUROBELLO is used to paint and decorate new outdoor surfaces, surfaces that are to be restored, provided that they are perfectly consistent and in good condition, or surfaces that have already been painted either with synthetic or mineral paint, as long as they bind well. MUROBELLO adheres perfectly to cementitious plasters, reinforced concrete, prefabricated concrete and any clean and dry mineral surface, giving it excellent protection and vapour permeability. It can also be used as a pigmented primer for wall surfaces intended to be applied with thick plastic coatings.

SUBSTRATE PREPARATION

New wall surfaces to be treated must be cured, dry, cohesive and compact. Eliminate all traces of dust, any traces of oils or greases, any fragments of non-adherent plaster and level any imperfections in order to obtain a perfectly flat surface. Then apply a coating of insulating primer based on synthetic resins in aqueous dispersion PRIMER A 16, in order to uniform absorption and improve the yield of MUROBELLO. Walls that are already painted must be cleaned thoroughly from dust, dirt or from parts peeling off.

Very porous and low-consistency cement surfaces must be treated with synthetic resin with a high degree of penetration RASOTECH CONSOLIDATING PRIMER. Surfaces that have already been decorated with synthetic finishes, provided they are in good condition, must be treated with solvent-based primer PRIMER SOL.

APPLICATION

MUROBELLO can be applied by brush, roller or spray. Apply the product by diluting it with water at a mass of 20-25% for the first coat and 20% for the following ones. Mix the diluted product thoroughly and apply it in two or three coats, crossing the direction of application, until a perfectly uniform coverage is obtained. For uniform, even finishes, it is necessary to apply the product by at least two coats. Application of subsequent coatings must only be carried out when the previous one is sufficiently dry (6 hours, depending on the humidity and temperature conditions).

YIELD

0.2-0.3 L/m² for two successive coats, depending on the degree of absorption of the substrate.

RECOMMENDATIONS

- ◆ MUROBELLO is a product that must be PROTECTED FROM FROST.
- ◆ Do not apply MUROBELLO on damp surfaces or surfaces that are not perfectly cured.
- ◆ Do not apply MUROBELLO on surfaces prone to rising damp or on surfaces treated with dehumidifying systems.
- ◆ Protect decorated exterior surfaces for the first 48 hours after application.
- ◆ After processing, do not add the remainder of the diluted product to the pure product.
- ◆ Wash all the equipment used for preparing and applying the product with water before it hardens.
- ◆ Do not work in temperatures below +5 °C, with relative humidity above 75%, on sun-drenched surfaces or on windy days.

PACKAGING

MUROBELLO is supplied in 14 litre plastic containers on 33-piece pallets and in 4 litre plastic containers on 64-piece pallets. PROTECT FROM FROST: store the product in a dry place in tightly closed original packaging at temperatures between +5°C and +35°C. In these conditions its stability lasts at least 12 months.

SAFETY INSTRUCTIONS

Wear gloves, protective goggles and work clothes for the protection of eyes and skin. Store the product away from the reach of children. Do not contaminate with food, drink or waterways. After handling, wash with soap and water.

VOC (Directive 2004/42/EC)

Paint for outdoor walls on mineral/ water-dilutable surface (CATEGORY C/BA)

EU VOC limit value for this product: 75 g/L (2007) - 40 g/L (2010).

This product contains a maximum of 40 g/L VOC.

Refer to the respective Safety Data Sheet for more information about how to use the product safely.

SPECIFICATIONS

Decoration of outdoor walls using top-quality organic mineral hydro paint, mould-resistant, highly breathable, anti-drip, high coverage, excellent whiteness, satin effect, resistant to dry rubbing, washable, filling, type **MUROBELLO** by Colmef Srl. The water-based paint must be applied by brush, roller or spray in two or three coats, crossing the direction of application and respecting consumption of 0.2-0.3 L/m² for two subsequent coats.

TECHNICAL DATA

Appearance:	thick paste
Colour:	matt white
Apparent specific weight (kg/L):	1.55
Solid residue by weight (%):	65
Brookfield viscosity (cPs):	20.000
Dry to the touch:	~ 2 h
Setting time between one coat and another:	~ 6 h
Deep drying:	24 h
Minimum film forming temperature:	+5 °C
Allowed application temperature:	from +5 °C to +35 °C
Resistance to the passage of vapour, thickness 0.15 mm - in equivalent air depth (S_D) (DIN 52615) (m):	approx. 0.3
Water absorption factor per capillary action (W) (EN 1062-3) [$\text{kg}/(\text{m}^2 \cdot \text{h}^{0.5})$]:	≤ 0.1 (low)
$S_D \times W = 0.3 \times 0.1$:	0.03 the $S_D \times W$ value is less than 0.1 and therefore MUROBELLO respects the theory of Kuenzle (DIN 18550) making it suitable to protect outdoor walls

DATA DETECTION AT +23°C - 50% R.H. AND IN ABSENCE OF VENTILATION

The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests in any case. Always refer to the latest updated version of the technical data sheet available at www.colmef.com.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

COLMEF SRL | Z.I. Ponte d'Assi | 06024 - Gubbio (PG) ITALY | Tel. +39 075923561 | info@colmef.com | www.colmef.com