



Idrotintal

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



TECHNICAL DATA SHEET - REV. 01/2022

DESCRIPTION

IDROTINTAL is a hydro paint for interior and exterior walls based on synthetic resins in water dispersion, pigments, precious mineral fillers and special additives that enhance its workability, with excellent anti-drip effect. The product is characterised by an excellent degree of coverage such that a perfect finish can be obtained with just two passes. After complete curing, the film is highly breathable, mould-resistant, with excellent whiteness, excellent resistance to dry rubbing and washing, such as to obtain perfectly cohesive satin finishes with the surface. The use of hydrophobic additives makes IDROTINTAL particularly resistant to soiling, ageing and the rooting of mould and bacteria.

FIELDS OF APPLICATION

IDROTINTAL is used to paint and decorate new interior and exterior surfaces, surfaces that need to be restored, provided that they are perfectly consistent and in good condition, or surfaces that have already been painted to obtain a pleasant smooth, uniform and perfectly white appearance. IDROTINTAL is particularly suitable for painting and decorating surfaces subject to heavy traffic, and thus subject to more frequent cleaning operations, such as corridors, staircases, schools, public offices, particularly damp rooms, kitchens, bathrooms, etc. It adheres perfectly to cementitious plasters, lime bases, gypsum, plasterboard and any clean and dry mineral surface, giving it excellent protection and vapour permeability.

SUBSTRATE PREPARATION

New wall surfaces to be treated must be cured, dry, cohesive and compact. Eliminate any traces of oil or grease completely from the surface or parts that are less adherent. Walls that are already painted with breathable or washable tempera paints must be cleaned thoroughly from dust, dirt or from parts peeling off.

If it is necessary to stop superficial chalking or consolidate old, degraded plaster, apply a coat of water-based, ultra-fine-particle synthetic resin RASOTECH PRIMER CONSOLIDANTE, characterised by a high degree of penetration, with a consolidating effect, until fully absorbed.

To make absorption uniform and improve the yield of IDROTINTAL, it is recommended to isolate the entire surface by applying a coat of primer based on synthetic resins in aqueous dispersion PRIMER A 16, to be diluted with clean water in a ratio of 1:2.

APPLICATION

IDROTINTAL can be applied by brush, roller or spray. For roller or brush application, dilute IDROTINTAL with about 40-45% water; for spray application, dilute the paint with 45-50% water. Mix the diluted product thoroughly and apply it in two or more coats, crossing the direction of application, until a perfectly uniform coverage is obtained. 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

0.18 - 0.2 L/m² for two subsequent coats.

RECOMMENDATIONS

- ◆ IDROTINTAL is a product that must be PROTECTED FROM FROST.
- ◆ Do not apply IDROTINTAL on damp surfaces or surfaces that are not perfectly cured.
- ◆ Do not apply IDROTINTAL 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

IDROTINTAL 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 internal and external walls with organic washable mineral hydro paint, mould-resistant, highly breathable, anti-drip, with high coverage, excellent whiteness, satin effect, resistant to dry rubbing, type **IDROTINTAL** by Colmef Srl. The water-based paint must be applied by brush, roller or spray in two or more coats, crossing the direction of application and respecting consumption of 0.18 - 0.2 L/m² for two subsequent coats.

TECHNICAL DATA

Appearance:	thick paste
Colour:	matt white
Apparent specific weight (kg/L):	1.50
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
Allowed application temperature:	from +5 °C to +35 °C

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.

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