



ard f.lli raccanello s.p.a. industria vernici e smalti

TECHNICAL SHEET **26**

CODE 238.

idrosmalto opaco

Water-dilutable mould resistant enamel for walls

GENERAL PROPERTIES

IDROSMALTO is a water-dilutable enamel devised for mural surfaces, in densely populated premises. It features a remarkable resistance to atmospheric agents, therefore, it is particularly suitable for exteriors.

IDROSMALTO is ideal, thanks to its exclusive formulation & selected components, whenever an exceptional scrub/wash resistance using alcohol free detergents is required.

IDROSMALTO - VOC free - has a low environmental impact, is non-flammable & particularly suitable for poorly aired premises.

IDROSMALTO is ideal for food industries which comply with the EU Regulation 852/2004 (HACCP protocol). The mould resistant properties guarantee the best hygiene possible even in areas where cleaning & disinfecting is difficult.

INSTRUCTIONS

Substrate preparation:

Optimum for environments where hygiene is of utmost importance.

Surfaces must be smooth. Rough or orange peel like surfaces must be treated with IDROSTUCCO 1.057.1010 (rapid filler).

- Bare interior walls: ensure the substrate has weathered for at least 28 days. Clean thoroughly, removing dust, filth & any unsound parts. Level any imperfections with LITOSTUCCO 1.050.1010, adding as many times as necessary. Allow 6 hours, sand the stuccoed areas and clean thoroughly. The choice of sealer depends on the condition of the substrate; ISOLEX W (sealing primer) is fine in most cases. Use BIANCOFIX on extremely absorbent surfaces such as plasterboard. Ensure the surface is dry and apply two hands of IDROSMALTO.
- Interior walls with distemper: clean thoroughly, removing dust and filth. Stucco any imperfections with LITOSTUCCO & proceed as indicated above. After sandpapering, seal the whole surface with a coat of ISOLEX W. Allow 12 hours & apply IDROSMALTO.
- Interior walls with washable emulsion paint: clean thoroughly. Stucco any imperfections, sand and seal repair areas with a coat of BIANCOFIX. Allow 4 hours & apply IDROSMALTO.

- Interior walls with old varnish: roughen the surface accurately with wire wool; clean thoroughly removing dust & filth.
- Exterior walls: brush accurately removing dust, filth & any unsound plaster. Stucco any imperfections with ARDPLAN AS 1.965.0030 or ARDPLAN BS 1.962.0020. Ensure the surface is perfectly dry & apply a hand of ISOLEX W. Allow 12 hrs and apply 2 hands of IDROSMALTO.

Application:

Apply IDROSMALTO as follows:

- Roller: thin at 5-10% in water volume & apply uniformly using a short hair roller. On “orange peel surfaces” apply neat or thinned at 3% using an appropriate roller. Allow 3 hrs before applying the second hand.
- Brush: stir well, thin at 5-15% in water volume and apply by cross-brushing.
- IDROSMALTO is easy to tint with the 16COLOURS colouring pastes. Pretreat surfaces to be painted with colours offering a poor hiding-power or particularly contrasted primers, with a hand of coloured IDROSMALTO OPACO.
- Do not apply at ambient or substrate temperature below + 5°C or above + 35°C. Allow at least 6 hours between coats. The substrate usually dries after approx. 48 hours at 20°C.
- Wash equipment immediately after use with water.
- Store the product in a cool place, above + 5°C.
- Use in compliance with current Health & Safety Regulations. Dispose of spent material/containers according to the same.

Refer to the PSDS for further information.

TECHNICAL PROPERTIES

SPECIFIC WEIGHT	1410 ± 50 g/l	
VISCOSITY AT 20°C	8,000 ± 2,000 cP	
NATURE OF BINDER	Acrylic polymers	
GLOSS	85° ANGLE	<5
DRYING AT 20 °C	TOUCH DRY	3 hrs
	THROUGH DRYING	24 hrs
FLASH POINT DM 26/6/84	Class 0	

YIELD

The two-coat painting cycle implies a yield of 7 m²/l. Said yield refers to smooth substrates with medium absorption; we suggest testing on the specific substrate.

**TENDER
SPECIFICATION ITEM****WATER-DILUTABLE MOULD RESISTANT MATT ENAMEL**

Application on pretreated mural surfaces of two coats of water-dilutable odourless mould resistant matt enamel based on acrylic polymers in aqueous dispersion type IDROSMALTO MATT with a minimum consumption of 0.143 l/m².

€/m²

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.
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