

Name	OPTIMA
Description	Gloss over, washable / dead matt wall paint.
Main Features	<ul style="list-style-type: none"> - Very High filling power. - Drop proof. - High opacity. - Good gloss over power. - Washable > 5000 brush strokes.
Classification (UNI 8681)	B4. C.O.A.2.HB Single-component, physically drying, dead matt, vinyl-acrylic, top coating paint in water medium.
VOC Classification (Directive 2004/42/EC)	Matt paints for internal walls and ceilings. EU limit value for Optima (cat. A/a): 30 g/L (2010). optima contains max 30 g/L VOC.
Application Cycle	<p>UNPAINTED EXTERNAL WALLS: Brush thoroughly, removing any trace of dust and dirty and plaster. Level the imperfections (holes, cracks, or crazing) using Fibre-reinforced controlled Shrinking. Check that the surface is completely dry and apply one coat of Maxfix Acrilico. Wait 4 – 6 hours and then apply at least two coats of Optima. When working with surfaces that are powdery or partially degraded, treat the entire surface with a (transparent or pigmented) Maxfix a Solvente.</p> <p>PAINTED EXTERNAL WALL SURFACES Remove all traces of loose paint or efflorescence. If mildew is found, the wall should be treated using Igena Detergente Antimuffa. Carefully clean off all dust and dirt, and fill imperfections using Fibre-reinforced, Controlled-Shrinking. Check that the wall is perfectly dry and bind all the surfaces using Maxfix Acrilico, Wait 4 – 6 hours and apply at least two coats of OPTIMA.</p> <p>UNPAINTED INTERNAL WALLS (Cured new plaster, pre-fabricated panels, new gypsum, ...) Use a brush to remove all dust and loose plaster fragments. Fill imperfections (holes, cracks or crazing) using Stuccoforte, smoothing in alternate directions. Wait 2 – 6 hours and sand down filled sections, then clean carefully. In general apply a coat of Maxifix Acrilico. Wait 4 – 6 hours, then apply at least two coats of OPTIMA. When working with new gypsum and loose surfaces, always apply one coat of (transparent or pigmented) Maxifix a Solvente.</p> <p>INTERNAL WALLS PAINTED WITH DISTEMPER Clean all dust and dirt off the wall and fill all imperfections using Stuccoforte paste or powder. Sand and dust as indicated above. After sanding bind the entire surface using a (transparent or pigmented) Maxifix a Solvente. Wait 6 – 12 hours, then apply at least two coats of OPTIMA.</p> <p>INTERNAL WALLS PAINTED WITH WASHABLE WATER-BASED PAINT Clean the surfaces carefully, and fill imperfections, then sand and dust. Bind filled patches using one coat of Maxifix Acrilico. Wait 4 – 6 hours and then apply at least two coats of OPTIMA..</p>
Practical advices	<p>The best washable is obtained after 6-7 days from the application.</p> <p>Environmental and surface conditions: ambient temperature min. 5°C / max 35°C; ambient relative humidity: < 80%; surface temperature : min 5°C / max 35°; surface humidity : < 10 % of r. h.</p>
Safety Data	<ul style="list-style-type: none"> • Keep the tin tightly closed and protected from frost. • No labelling required. • User information is contained in the relevant safety sheet. • Empty containers and containers with traces of dried product film must be disposed of according to local regulations.

**Specifications and other
technical information**
Method
**Main Data at 20°C and
60% Relative Humidity**

Specifications and other technical information	Method	Main Data at 20°C and 60% Relative Humidity
Coat finish and aspect		Dead matt
Density g/ml	MPL 007 (UNI 8910)	1,510 ÷ 1,560
Brookfield viscosity cps	MPL 021 (ASTM D 2196)	15000 ÷ 19000
Recommended dry film thickness microns per coat	MPL 056 (ASTM D 1186)	30 ÷ 50
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid content weight %	MPL 027 (UNI 8906)	59 ÷ 63
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 36 months
Treatment at 4 hour cycle UV/60°, 4hr condensate/40°C UV-B lamp, B, fiber-cement surface, pre- treated with Maxfix Acrilico.	MPL 093 (ASTM G 53)	It is fast for 1200 hours of UV- condensate (according to ISO 7724) It is chalking resistant for 1200 hours of UV-condensate (according to ISO 4628/6)
Dry tack free hrs	MPL 033	–
Touch-dry hrs	MPL 033	Max 0,5
Hard dry hrs	MPL 033	Max 24
Dry to recoat hrs	MPL 037	4 ÷ 8
Exteriors / Interiors		YES \ YES
Colours		White
Binder		Vinyl-acrylic
Thinner		Water
Tool cleaner		Water
Roller volume %	MPL 063	30 ÷ 35 %
Brush volume %	MPL 063	35 ÷ 45 %
Spray and air volume %	MPL 063	35 ÷ 45 %

PERFORMANCE GUARANTEE ITALIAN NORMATIVE UNI 10795

Specifications and other technical information	Method	Main Data at 20°C and 60% Relative Humidity
Contrast ratio (Opacity)	MPL 124 (M.U. 1631)	97,1 good
Calculated spreading rate sq. m/l	MPL 052 (ISO 7254)	17
Wet abrasion resistance brush strokes	MPL 026 (UNI 10560)	> 5000 Excellent washing resistance
Water vapour flow rate WDD (dry film thickness 250 micron)	MPL 099 (UNI 9396)	260 g/m ² in 24 h High
Water vapour permeability: Water vapour diffusion - air layer thickness S _D (dry film thickness 100 micron)	MPL 099 (UNI 9399)	0,03 m
gloss	MPL 030 (UNI 9389)	1,9 Very dead matt
Dirt pick up ΔL	MPL 068 (UNI 10792)	10,1 Medium

PERFORMANCE GUARANTEE EUROPEAN NORMATIVE EN 13300

Specifications and other technical information	Method	Main Data at 20°C and 60% Relative Humidity
Contrast ratio (Opacity)	MPL 125 (ISO 6504-3)	Class 2
Kubelka-Munk Rate m ² /L	MPL 102 (ISO 6504-1)	18
Wet abrasion resistance brush strokes	MPL 123 (ISO 11998)	Class 3
gloss	MPL 030 (ISO 2813)	1,9 Dead-matt
Grain size	MPL 032 (ISO 1524)	Fine

The above information is based on our best technical and practical knowledge. However, since the actual conditions in which the product is used are beyond our direct control, we provide no guarantee as to the effectiveness of the recommendations and suggestions contained herein. If in doubt, it is advisable to conduct preliminary tests and/or call our Technical Service.



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