



Sheet code MAX024871T

Revision no. 3 of 9 Oct.

2017

RESOLVING Plus TERMICA Plus

DESCRIPTION

Breathable, anti-condensation thermal paint for interiors with glass microspheres, velvety finish.

MAIN FEATURES

TERMICA PLUS is an anti-condensation resin-based thermal paint in water emulsion with titanium dioxide, select aggregates and hollow glass microspheres. It is particularly suitable for rooms with large amounts of steam, such as bathrooms, kitchens, and laundries, where the formation of surface condensation and mould is easier. Its effective insulating action significantly reduces the condensation that typically forms on perimeter walls, improving the liveability of the rooms and reducing the probability of mould appearing.

TERMICA PLUS contains special film preservatives, which give the paint preventive protection against the formation of mould and fungi.

CLASSIFICATION (UNI 8681)

B.4.C.0.A.2.FB

Single-component, physically drying, matte, styrene-acrylic, water dispersion finishing paint.

VOC CLASSIFICATION (EC Directive 2004/42)

Matte paints for interior walls and ceilings.

EU VOC limit value for TERMICA PLUS (cat. A/a): 30 g/L (2010). TERMICA PLUS contains a maximum of 30 g/L of VOC.

If mould is present, treat the surface with an anti-mould detergent before proceeding with the application cycles indicated below. In the case of persistent mould, repeat the operation several times.

UNPAINTED INTERIOR WALLS

- 1) Remove any dust and loose plaster fragments with a brush.
- 2) Fill in any imperfections (holes, cracks or crevices) with Stuccoforte, and then apply a smoothing coat.
- 3) Sand and carefully clean the stuccoed parts 3-6 hours after applying the final smoothing coat.
- 4) Apply a coat of Maxfix Acrilico fixative or MaxMeyer Fiss'Up.
- 5) After 4-6 hours, apply two coats of TERMICA PLUS allowing approximately 12 hours between the coats if operating in normal conditions, this interval should be extended in the event of worse humidity and temperature conditions.

APPLICATION CYCLE

INTERIOR WALLS PAINTED WITH TEMPERA PAINTS

- 1) If the surface is flaking or has loose paint, completely remove the tempera paint
- 2) If the paint is well anchored to the surface, carefully clean the surface and apply one coat of Maxfix Acrilico, and then after 4-6 hours apply two coats of TERMICA PLUS.

INTERIOR WALLS PAINTED WITH WASHABLE WATER-BASED PAINTS

- 1) Thoroughly clean the surface
- 2) Fill in the imperfections with Stuccoforte, apply subsequent smoothing coats, and then sand and dust.
- 3) Apply a coat of properly diluted Maxfix Acrilico fixative or MaxMeyer Fiss'Up only to the stuccoed parts.
- 4) After 4-6 hours, apply two coats of PITTURA TERMICA allowing approximately 12 hours between the coats if operating in normal conditions, this interval should be extended in the event of worse humidity and temperature conditions.



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PRACTICAL TIPS

- The indicated consumptions ensure good results under average conditions. After complete drying, the surface where the paint was applied should be significantly warmer to the touch than it was before the intervention. It is possible to apply additional coats, beyond the two recommended in order to further increase their effects. If the results are not satisfactory, it may be necessary to inspect the wall's thermal insulation and/or provide a suitable air exchange with ventilation holes, dehumidifiers, etc.
- Working temperature: +5 °C to +35 °C
- Apply on set and dry surfaces.
- Store the product in its original packaging at a temperature between + 5 °C and + 30 °C

SAFETY PRECAUTIONS

- The safety information for the user is contained in the relative safety data sheet.
- Empty containers or those with slight traces of dried residual product film must be disposed of according to local regulations.

CHARACTERISTICS AND OTHER TECHNICAL INFORMATION	METHOD	RELEVANT DATA AT 20 °C AND 60% RH
Appearance and finish		Very matt
Volume mass g/ml	UNI 8910	0.700 ÷ 0.900
Brookfield viscosity cps	ASTM D 2196	7000 ÷ 11000
Flash point °C	UNI 8909	Non-flammable
Storage life (in a cool and dry place)	UNI 10154	At least 18 months
Touch dry hrs.		Max. 0.5
Dry in depth hrs.		Max. 12
Overpaintability hrs.		12
Application surface		Interiors
Colours		White
Thinner		Water
Cleaning tools		Water
Roller application % by volume		Max. 10%
Brush application % by volume		Max. 15%



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SAFETY PERFORMANCE as per ITALIAN REGULATION UNI 10795

CHARACTERISTICS AND OTHER TECHNICAL INFORMATION	METHOD	RELEVANT DATA AT 20 °C AND 60% RH
Contrast ratio	M.U. 1631	95 Medium
Spreading rate per coat m ² /Lt	ISO 7254	5.0 ÷ 7.0
Diffusion of water vapour W _{DD}	UNI 9396	>150 g/m ² in 24 hrs. High
Resistance to water diffusion S _D (film thickness 100 microns dry)	UNI 9396	<0.1 m
Gloss	UNI 9389	< 5 Very opaque
Dirt Retention ΔL	UNI 10792	< 9 Low

SAFETY PERFORMANCE as per EUROPEAN REGULATION EN 13300

CHARACTERISTICS AND OTHER TECHNICAL INFORMATION	METHOD	RELEVANT DATA AT 20 °C AND 60% RH
Kubelka-Munk yield m ² /Lt	ISO 6504-1	5.0
Gloss	ISO 2813	0.8 Dead Matte
Grinding fineness	ISO 1524	Fine

All the technical indications contained herein are the result of our tested experience and are merely indicative and do not constitute a guarantee of results. The data and methods indicated in this data sheet may change at any time according to any changes in production technologies. The application of the products takes place beyond our control possibilities and therefore falls under the exclusive responsibility of the customer. The proper use of the materials presupposes observance of the general instructions for use indicated in the GENERAL CONSIDERATIONS of the PRODUCT INFORMATION SHEETS and, in particular, the information provided on this sheet, especially with regard to the preparation and suitability of surfaces. Cromology Italia S.p.a. technical assistance is available to provide users with additional information.

THIS TECHNICAL SHEET SUPERSEDES ALL PREVIOUS EDITIONS.



Cromology Italia S.p.A. - Sede legale: Via IV Novembre, 4 55016 Porcari (LU)
199 11 99 55 - Fax 199 11 99 77 - www.maxmeyer.it



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numero.verde@cromology.it