

Sofia

Pittura Thermo Decorativa

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| LINEA | Rivenditori |
| Scheda n° | 10010 |
| Revisione | 1 |
| Data | 31/10/2013 |

Product type: Decorative Thermo sand effect Painting.

Sofia is a special decorative thermo isolating sand effect painting. Containing resin-based Terpoliacriliche gel and special additives in aqueous dispersion – manufactured and tested according to the Wellness- care Technology guarantee of Atria. Sofia is an environmentally friendly product, meets the demands of modern living. Sofia Thermo Decorative Painting represents the vanguard in decorating environments combining tradition and technology: in addition to having a significant and valuable decorative effect, applying Sofia greatly improves living comfort and enables energy savings. RISPARMIO ENERGETICO CERTIFICATO*

The decorative Sofia contribute to heat balance, according to Atriathermika of Atria-the system of heat-insulating paints and coatings among the most advanced in the industry - in which Sofia is part. The use of Sofia not only gives the treated surfaces a harmonious ,sleek and modern look, but also has physical and chemical properties of the Atriathermika Cycle.

- Energy savings certificate * which means savings on heating and cooling.
- Insulating power warm-cold (thermos).
- High anti-mould and anti-condensation action.
- Elimination of thermal bridges.
- Equalize the internal temperature.
- High permeability (excellent transpiration).
- Sharp reduction in heat loss from inside to outside.
- Ability to restrain and withdraw the excess moisture balancing the degree of humidity in the environment.
- Acoustic insulation effect.
- Excellent and easy applicability.
- High-coverage.
- Washable

Note: you can also apply decorative Sofia on other types of paints. However it is recommended that you use in conjunction with Atriathermika to improve the thermal effect of the surface and be assured Wellness-Care Technology by Atria. As an alternative to Atriathermika is advisable to prepare surfaces with Biotex, Colorex or equivalent products.

* Test report of the Department of Food Science and the environment University of Messina.

Fields of application: Apply on any surface: masonry, metal, wood, plastics, ceramics, glass, with a proper Primer. Due to its characteristics of non-toxic and neutrality it can also be applied on food facilities as an obstacle to the formation and contamination by mold.

Technical characteristics :

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| Appearance | Tixotropico Liquid color |
| Colours | 140 Silver Base colors ; 105 Gold colors; 140 Neutral Base colors |
| | It is possible to get other colors according to your needs. The color is obtained by mixing of n° 8 monochrome bases of high transparency and stability of tone. Excellent and easy reproducibility. |
| Density according to DIN 53217/2 | Kg/Lt 1,1 - 1,15 |
| Viscosity 25° c | 7000 - 9000 mPa - s |
| P.H. | 7 – 8 |
| Theoretical Yield sqm/litre | 12 sq.m. per hand |
| V.O.C. (Cat. A/C 30 gr/lt. 01/01/2010) | 18 gr/lt. |
| How to apply | Decorative brush. |
| Dilution with water | Ready for use, if necessary dilute up 2-3%. |
| Washing Tools | Wash with water |
| 20° C Drying | Out of touch 2-3 hours Dry in depth 16-24 hours |
| Flammable | Non-flammable, solvent-free |
| Washing resistance | Excellent washing resistance after minimum 20 |
| Storage stability | 24 months |
| Standard packaging | 1 Lt. - 2,5 Lt. |

Preparation To achieve maximum insulating effect from **SOFIA** you must prepare surfaces properly, cleaning them carefully.

APPLY 2 COATS of indoor **ATRIATHERMIKA** before proceeding with the application of Decorative Painting in Sofia Thermo. The correct application allows thermal insulation, comfort and energy saving effects certificated by* Wellness-Care Technology by Atria. (**RISPARMIO ENERGETICO CERTIFICATO*** Wellness-Care Technology di Atria.)

- **MASONRY OR PLASTERBOARD:** Apply Atriathermika anti-dust fixative for indoor Primer. If necessary and in the presence of mildew and/or fungus, use Atriathermika Sanitizer before applying Primer to disinfect the surfaces.

- **IRON:** Apply Idrorust corrosion resistant Primer.

- **WOOD:** Apply impregnating Idrowood Primer*.

- **PLASTIC (PVC) TILES OR GLASS:** Apply Idrosem WP glass-bottom anchor Primer.

- **GALVANIZED IRON OR ALUMINUM:** Apply Idrolux SL Primer .

***FOR ALL SURFACE:** After 4-6 hours from applying the suitable primer, apply 2 hands of Interior Atriathermika and wait for the product to dry (approx. 6 hours) before applying Decorative Painting Thermo Sofia.

How to apply Apply decorative painting Sofia on already prepared surface, crossing the strokes of the brush.

Let the decoration dry for a few minutes, and then define the surface with a dry brush, stroking the surface until you get the desired effect.

Note: Shake well before use, apply the product evenly with suitable tools.

The Colorificio Atria ensures product consistency, and takes no responsibility for the inappropriate use of the decorative product applied.

NB: The color of the background painting Atriathermika to be applied can be white or a color similar to the shades chosen for the final decoration with Sofia. The high cover property given by Sofia Decorative Painting Thermo allows to decorate without problems.

Colorificio Atria S.r.l.
C/da Camarro - Formeca
91028 Partanna (TP)
Tel. 0924/49500 - 0924/87610
Fax: 0924/921250
P. IVA 00013450812

E-mail: info@atria.it
web site www.atria.it

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