

# Heat-insulating decorative paint with a sandblasted effect for interiors with wellness-care technology:

## Product Description

**Sofia** is a decorative, heat-insulating paint with a sandblasted effect, formulated with **next-generation terpolyacrylic resins, selected aggregates**, and **special additives** in aqueous dispersion, designed to offer **maximum aesthetic and functional performance**. All components are developed and tested in compliance with **Atria's Wellness-Care Technology**, a quality protocol that ensures well-being in the home through **healthy air**, thermo-hygrometric regulation **of environments**, and the **eco-sustainable durability** of the coating.

Derived from **Atriathermika technology**, one of the most advanced thermal insulation systems in the industry, Sofia guarantees **high technical performance** even in the most critical conditions: it reduces heat loss, eliminates thermal bridges, combats the onset of mold and condensation, naturally regulates internal humidity and contributes to acoustic comfort thanks to its sound-absorbing effect.

Functionality is combined with a highly valuable aesthetic: the sandblasted effect gives surfaces a matte and slightly iridescent appearance, ideal for elegant, modern, and harmonious spaces. Sofia is perfect for both residential decorative projects and applications in commercial settings, professional studios, hotels, or wellness spaces, where a covering that combines **design, comfort, and sustainability is required**.

Available in a wide range of customizable colors, Sofia can also be used solely as a **non-thermal insulating decorative finish**, combined with smoothing primers such as Biotex or Colorex. However, for optimal results in terms of energy efficiency and environmental quality, we recommend using it as part of the certified **Atriathermika cycle**, which maximizes its insulating properties and consolidates the **Wellness-Care Technology guarantee**.

## Features and Performance

**Certified energy savings** (with complete Atriathermika cycle)

**Active hot/cold insulation** – "thermos" effect

**Strong anti-condensation and anti-mold action**

**Humidity regulation** and greater living comfort

**Good water vapor permeability**

**Natural sound-absorbing effect**

**Sandblasted decorative finish** – modern, textured and bright

**Also suitable for use as a decorative end in itself**, without heat-insulating function

**Eco-friendly and compliant with Atria Wellness-Care Technology standards**

## Fields of Application

**Sofia** is a decorative, heat-insulating paint specifically designed for application **on properly prepared interior surfaces**. It is particularly suitable for all those environments where you want to **combine aesthetics, living comfort, and thermo-hygrometric protection**.

**Masonry, civil plasters and cement surfaces:** ideal for internal walls in homes, offices, commercial environments or public spaces, where high decorative quality with insulating and anti-mold properties is required.

**Non-absorbent substrates** such as **wood, metal, plastic and ceramic**: applicable after suitable priming with specific products, it offers a long-lasting decorative finish even on difficult materials, giving uniformity and aesthetic continuity to the surfaces.

**Plasterboard, prefabricated panels and plaster walls**: thanks to its non-toxic and breathable formulation, Sofia is perfect for light or modular surfaces, guaranteeing a sandblasted matt finish, elegant and resistant.

**Highly hygienic and sanitary environments**: its **microbiological neutrality** and the presence of active additives against mold and condensation make Sofia also suitable for **food environments, professional kitchens, canteens, laboratories**, where a decorative and functional barrier against microbiological contamination is required.

**Wellness, spa, hotel, and hospitality projects**: Wellness-Care technology and the elegance of the sandblasted effect make it a perfect solution for spaces dedicated to wellness, personal care, or high-end hospitality, where comfort and design must coexist.

For optimal results, we recommend using it within the **Atriathermika cycle**, in combination with specific levelling primers, which enhance its thermal insulating and breathable qualities.

## Technical Features

I wait	Thixotropic Liquid
Color in a jar	Sofia, Pure, Silver and Gold Color Chart
Density Kg/Lt	1.070 ± 0.05
Supply viscosity 25°C	Slightly Thixotropic
Volumetric dry residue	42 ± 2%
Theoretical yield	10 - 12 m <sup>2</sup> /lt per coat
Dilution	Water if necessary max 2%
Application method	Decorative brush
Drying 25°C	Out of Touch 1 - 2 hours Dry to touch 3 - 5 hours Deep dry 18 - 24 hours
Minimum / Maximum Overlap	12 hours / no limitations -10°C
Operating temperature	+120°C
Storage stability	12 months
Standard packages	Lt. 1 – Lt. 2,500

## Application Method

Proper surface preparation is essential to achieve a uniform, long-lasting, and high-performance decorative finish. **Sofia** can be applied to a wide range of interior surfaces, provided they are well prepared and primed with suitable primers.

### Surface preparation

- **Preliminary check**: make sure that the surfaces are dry, compact, cohesive and free from dust, salt efflorescence, mould or old flaking paint.
- **Cleaning and consolidation**: mechanically eliminate crumbly parts, irregularities, cracks or crazing by smoothing with **Atriamural** or other interior smoothing products.

- Anti-mold treatment: **in the presence of mold or condensation, apply a coat of Atriathermika Sanitizer, leave to act for 3–4 hours, then clean and proceed with the planned cycle.**

### Wall surfaces (new or already painted)

- Prime with **Atriathermika Primer for Interiors** diluted 1:7 with water or with an equivalent acrylic insulator, to even out absorption.
- Apply **two coats of Atriathermika Interior Paint** as a heat-insulating base, leaving 6 hours between each coat.
- Finally, apply **a coat of Sofia**, with a spatula, brush or trowel, depending on the desired aesthetic effect.

### New wood

- Isolate with **Atriawood Impregnante** (solvent-based) or **Idrowood Impregnante** (water-based), then follow the recommended decorative cycle.

### Metal surfaces

- On iron: apply a coat of **Fersint** (solvent) or **Idrorust** (water-soluble) as an anti-corrosive primer.
- On hot-dip galvanized sheet metal: use **Zincofond Monocomponente** or **Idrolux SL** as an adhesion promoter.

### Plastic or ceramic surfaces

- On rigid plastic: prime with **Idrolux SL** or **Zincofond Monocomponente**.
- On ceramic or stoneware: use **Idrosem WP** to ensure the adhesion of the decorative product.

### Tips and Notes

To ensure maximum technical and aesthetic performance, the correct application of the **Sofia** product must follow precise environmental conditions and operating instructions.

### Terms of application

- Apply only in environments with temperatures between **+5°C and +35°C** and **relative humidity  $\bar{y}$  75%**.
- Avoid application in the presence of **rising damp, salt efflorescence**, or on surfaces **that are not perfectly dry**, so as not to compromise adhesion and the decorative effect.
- In **low temperature** or **high humidity conditions**, it is necessary **to extend the drying and recoating times** between coats to avoid bubbles, opacity or aesthetic defects.

### Support Status

- Powdery surfaces, **treated with tempera or degraded stucco** must be consolidated or removed beforehand.
- It is essential to use **suitable primers** to even out the absorption of the substrate and guarantee perfect adhesion of the application cycle.
- To make the most of the **thermal insulation, anti-condensation and anti-mould** properties, we recommend using **Sofia** in combination with **Atriathermika Interior Paint**, in compliance with **Atria's Wellness-Care Technology**.

### Consumption and yield

- Respect **the consumption and thicknesses indicated** in the technical data sheet to obtain the maximum benefit in terms of **living comfort and certified energy savings\***.

# Sofia



Technical Data Sheet Revision: of: 08/05/2025



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- The sandblasted effect may vary depending on the type of application and the absorbency of the substrate. **Preliminary sampling is recommended.**

## Conservation

- Store the product in a **dry, cool and ventilated place**, away from frost, **direct sunlight** or heat sources.
- Keep containers **perfectly closed** after each use to preserve their technical characteristics.

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