

## Thermal-insulating decorative paint with a fluid-metal effect for interiors, with wellness-care technology.

### Product Description

Grace is a next-generation thermal insulating decorative paint with a fluid metallic finish, formulated with terpolyacrylic gel resins, selected aggregates, and special water-dispersed additives. Its exclusive composition is developed according to **Atria's Wellness-Care Technology protocols**, a guarantee of quality, eco-compatibility, and advanced living comfort.

Grace's "Fluid Metal" decorative effect represents a synthesis of **contemporary design** and **sophisticated texture**: the treated surface comes to life through iridescent metallic reflections and dynamic chromatic movements, creating a dramatic and original visual impact. The combination of metallic pigments and emulsion polymers creates a unique coating, capable of enhancing modern, designer spaces, or exclusive commercial spaces.

Grace integrates the performance of the **Atriathermika cycle**, one of the most advanced thermal insulation systems in the wall paint industry, ensuring high energy efficiency and a highly aesthetically pleasing decorative effect. The product improves the thermohygrometric comfort of interior spaces, helps to even out temperatures and reduce heat loss, thus reducing heating and cooling costs.

### Features and Performance

Water-based decorative paint with a fluid metallic effect (Fluid Metal)

**True Cement Technology + Wellness-Care Technology Atria**

Applicable both with a **spatula** (with 8 different effects) and with a **roller** (fluid-brush effect)

**Certified thermal insulation**: improves living comfort and reduces energy consumption

Anti-mold, anti-algae and anti-condensation action

**Thermos effect** : maintains more constant temperatures all year round

Eliminates thermal bridges and improves the breathability of walls

Balances air humidity with anti-condensation and sound-absorbing effect

Eco-friendly product, free from harmful solvents, compliant with modern living standards

High coverage, good workability, smooth and long-lasting finish

### Fields of Application

Grace is a heat-insulating decorative paint ideal for interior surfaces in residential, commercial, or professional environments, where high technical performance is desired with a striking aesthetic. Thanks to its versatility and compatibility with multiple substrates, it can be applied to:

Internal walls and plasters, for the creation of highly decorative, heat-insulating walls

Wooden, metal, plastic and ceramic substrates, provided they are adequately primed with specific bases to ensure membership and duration

Environments subject to humidity or condensation, thanks to the anti-mold and anti-condensation action of the product

# Grace



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Sensitive internal spaces such as kitchens, technical rooms or food areas, as Grace is a **non-toxic product**, **eco-friendly** and free from harmful solvents

Grace paint is particularly suitable for decorating modern spaces, reception walls, living rooms, showrooms, bedrooms, or designer spaces, guaranteeing **elegance**, **thermo-hygrometric comfort**, and **chromatic customization**.

## Technical Features

Color	Metallic fluid-metal
Color in a jar	Grace Silver and Gold Color Chart
Density Kg/Lt	1,150 ± 0,05
Supply viscosity 25°C	Thixotropic
Volumetric dry residue	43 ± 2%
Theoretical yield	650 – 700 gr/m <sup>2</sup> in 2 coats Fine type (fine version) 750 – 900 gr/m <sup>2</sup> in 2 coats Thickness type (thickness version)
Dilution	Water if necessary max 2%
Application method	3x3 steel notched trowel, Stripes pad, Trapezoidal steel trowel, roller.
Drying 25°C	Out of Touch 3 - 4 hours Dry to touch 6 - 8 hours Deep dry 18 - 24 hours
Minimum / Maximum Overlap	18 hours / no limitations -10°C
Operating temperature	+120°C
Storage stability	12 months
Standard packages	2,500 kg - 5 kg

## Application Method

Proper substrate preparation and the right tools are essential for a uniform, long-lasting, and aesthetically flawless application of Grace. The product allows for the creation of a variety of highly customizable decorative metallic-effect finishes.

### Surface Preparation

- Check that the substrates are **stable, cohesive, dry**, free from dust, oils, greases, salt efflorescence and non-adherent paints.
- Remove any loose parts by **brushing or sanding**.
- Restore discontinuities, cracks and crazing with **Atriamural** or other suitable fillers.
- In the presence of mould, apply **Atriathermika Igienizzante**, leaving it to act for at least **3–4 hours** before priming.

## Preliminary Treatments for Specific Supports

### Wall surfaces (plaster, concrete, masonry)

- Prime with **Atriathermika Primer Termiko** diluted 1:7 with water. Alternatively, an acrylic primer can be used.
- Wait 4–6 hours before applying Grace.

### New wood

- Apply **Atriawood Impregnante** or **Idrowood Impregnante** a acqua as a protective base.

### Iron and galvanized metal

- On iron: apply **Fersint** or **Idrorust**.
- On galvanized sheet metal: apply **Zincofond Monocomponente** or **Idrolux SL**.

### Plastic and ceramic

- On plastic: apply **Idrolux SL** or **Zincofond Monocomponente**.
- On ceramic: treat with **Idrosem WP**.

## Product Application

### Initial draft

- Apply **Grace** with a **notched steel spatula (3x3 mm)** over the entire surface.
- Distribute the product evenly with the serrated part.

### Artistic decoration

Immediately after applying, proceed with the decoration by choosing one of the following effects:

Effect	Equipment	Application technique
<b>Fil Posé Vertical</b> Stripes Pad		Continuous vertical movements, from top to bottom and vice versa.
<b>Fil Posé Horizontal</b> Tampon Stripes		Alternating horizontal movements.
<b>Brick</b>	Trapezoidal steel trowel	Short, crisscrossing horizontal passes to create effect brick.
<b>Fire</b>	Steel/plastic trowel. Alternating oblique and wavy movements.	
<b>Leaf</b>	Trapezoidal steel trowel	Alternating semicircular movements.
<b>Circle</b>	Swab Strips	Clockwise and semi-circular movements counterclockwise.
<b>Web</b>	Web Roller	Crisscross pattern obtained with vertical and horizontal movements.
<b>Jeans</b>	Swab Strips	First pass vertically, then horizontally for a denim fabric effect.

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## Final polishing

ÿ After approximately **12 hours** (at 18–25°C), proceed to **polishing** with a **trapezoidal steel trowel**, applying light pressure.

Before polishing, make sure the surface is **evenly dry and hardened**.

Complete the finish by removing any residue with an **electrostatic cloth or soft duster**.

**Important note:** Do not polish if the product is still soft. Complete drying occurs within **10–15 minutes**, depending on the ambient temperature and ventilation.

## Available colors

Grace is available **according to the Fluid Metal color chart**.

Upon request, it is possible to produce **RAL or NCS shades**, with **limitations on pastel or mineral shades**, which could compromise the rendering of the metallic effect.

## Tips and Notes

To achieve a uniform aesthetic result, a deep metallic effect and stable thermal insulation performance over time, it is essential to follow the following technical instructions:

### Environmental Application Conditions

• Apply Grace only in favourable climatic conditions:

Ambient and substrate temperature: **+5°C ÷ +35°C**

Relative humidity: ÿ **75%**

• Avoid application in the presence of:

– Strong direct sunlight

– Overheated surfaces – Strong winds – Imminent rain or strong night-time temperature variations

• In case of **low temperatures** or **high humidity**, extend the drying times between one phase and the next to ensure **correct polymerization** and avoid the formation of:

– Irregular cloudiness – Air bubbles – Localized detachments or flaking

### Preparation of the Support

• The fund must be:

Dry

Clean

Free from dust, oils, rising damp or salt efflorescence

• In the presence of degraded surfaces (e.g. tempera, crumbly stucco), it is necessary to proceed with their removal and restoration by:

– Shaving with Atriamural or suitable shaving products

– Application of smoothing and consolidating primers

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- Treat any biological contamination (mould, algae) with **Atriathermika Igienizzante**, leaving it to act for at least **3–4 hours** before priming.

## Application and Aesthetic Result

- Strictly observe:
  - Recommended consumption (gr/m<sup>2</sup>)
  - The technical thicknesses indicated in the data sheet
  - The specific application methods for each effect
- For optimal performance:
  - Work on small portions of the surface – Avoid visible interruptions in the application
  - Use only **suitable and clean tools** (stainless steel trowel, buffer, roller)
- **Final polishing** should only be done after checking that the surface is completely dry. If the surface is still soft, **wait a little longer before proceeding**.

## Achievable Colors and Dyes

- Grace is available **according to the Fluid Metal folder**.
- **RAL or NCS colours** can be produced upon request, with **limitations on pastel and mineral shades**, which could alter the metallic effect and visual depth of the decorative film.

## Product Storage

- Store in a **cool, dry, ventilated place**, away from:
  - Heat sources – Direct sunlight – Frost
- Recommended storage temperature: **+5°C ÷ +35°C**
- Always carefully close the container after use to **preserve the viscosity and application quality of the product**.

## Colorificio Atria SRL

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