

CERTIFIED¹
ENERGY
SAVING

AIR
FREE
EFFECT
IN WINTER
IN SUMMER
HUMIDITY
MOULD
CONDENSATION
ELASTICITY
COMFORT

They are a number of substances (all containing carbon) in complex mixtures that evaporate easily even at room temperature. The best known are aliphatic hydrocarbons, aromatic hydrocarbons (benzene and derivatives) chlorinated hydrocarbons (chloroform, chlorinated benzenes) alcohols (ethanol, butanol) and especially formaldehyde.



Wellness-Care[®] Technology

Wellness Care Technology by *Atria* is the guarantee mark on products that meet the highest thermal insulation standards and that contribute tangibly to the comfort of the treated environments. All the **ATRIATHERMIKA** system products - paints, coatings, membranes and decorative paints - have the Wellness Care Technology mark and offer a 100% higher thermal insulation than a traditional paint.



Anti-condensation



Anti-mold

The *Wellness Care Technology* mark guarantees the highest quality standards in the sector: no other product on the market has better anti-mould and anti-condensation properties.

To live in a healthier environment, for a guarantee of well-being and comfort in your home.



Energy Save 20%*

Energy Save 20% is the *Atria* mark granted to products that have attained energy saving certification. All the **ATRIATHERMIKA** system products - paints, coatings, membranes and decorative paints - if applied following the indications given in the use guides, will allow you to reduce heating and cooling costs in the treated environments, with a consequent reduction in energy, giving a certified¹ saving of up to 20%.

¹Test report from the Department of Food Science and the Environment of the University of Messina.

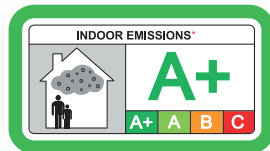
DOES NOT CONTAIN
HARMFUL SUBSTANCES**

FORMALDEIDE^{free}

ATRIATHERMIKA

Thermal Insulating Paint **CLEAN AIR**

ATRIATHERMIKA GREEN CLEAN AIR certified A+*, the new interior thermal insulating paint is **ATRIATHERMIKA**. Anti-condensation, sound absorbing, elastomeric and fine-grained, made and tested in accordance with the *Wellness-Care Technology* by *Atria* guarantee.High degree of insulation - thanks to which the internal heat is not dissipated outwards, uniform heat distribution over the whole surface and high mould resistance.



Produced using a thermal polymerisation system based on a new generation of terpolymer resins with ceramic microspheres - *Atriathermika GREEN Clean Air* does not contain formaldehyde and other harmful substances**, because it adopts the highest European standards that regulate the emission of volatile organic compounds EN ISO 16000-9:2009), a further guarantee for your well-being and health.



Atriathermika Green has the *Certified Clean Air²* action, a unique feature that purifies the air in the environments in which it is applied: its effectiveness has been tested and guaranteed by one of the best known and renowned Italian institutions in this sector, the Istituto Giordano Spa (Technical Report no. 326966)

All of this leads to an absolute living comfort improvement, the total absence of harmful substances and a perceptible well-being improvement. Moreover, with a thermal insulation coefficient certified¹ 20% higher than a traditional coating, **ENERGY SAVING** is guaranteed.

¹ Test report from the Department of Food Science and the Environment of the University of Messina.

² Technical report no. 326966 issued by the Istituto Giordano Spa.

**Information on the level of emission of volatile substances in inside air, presenting a risk of inhalation toxicity, on a scale ranging from A + (very low emissions) to C (high emissions). Decree no. 2011-321 of 23 March 2011, (French regulations on the emission levels in inside air).

**see inside table.

ATRIA
MADE IN PAINT

Colorificio ATRIA s.r.l
Paint Industry
tel. +39 (0924) 49 500
fax +39 (924) 92 12 50
www.atria.it



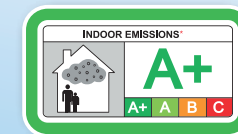
ATRIATHERMIKA



20%
Certified¹
Energy
Saving

GREEN

Thermo-insulating paint
CLEAN AIR
INTERIORS



DOES NOT CONTAIN
HARMFUL SUBSTANCES**
FORMALDEIDE^{free}



ATRIATHERMIKA

20%

CLEAN
FORMALDEHYDE
THERMOS
HOT
COOL
IDEAL
ELIMINATES
ELIMINATES
HIGH
BETTER

WHAT ARE
VOLATILE
ORGANIC
COMPOUNDS

ATRIATHERMIKA

Thermal Insulating Paint **CLEAN AIR**

WHY CHOOSE ATRIATHERMIKA

Because **ATRIATHERMIKA** is unique, unlike other thermal insulating paints.

The hollow ceramic microspheres with calibrated particle size in **ATRIATHERMIKA** are made specially for *Atria*, according to specific requirements. Our ceramic microspheres are not simply additives, as for the other thermal insulating paints on the market, but are at the heart of **ATRIATHERMIKA**. The right component mix, the thermal polymerisation process and the special acrylic terpolymer gel resin - produced exclusively by us - make this product one of a kind. The production process is the key to the success of **ATRIATHERMIKA**: an obsessive attention to detail, the use of excellent raw materials and a high technology standardised procedure that comes from thirty years of experience in the field of resin manufacturing.

The raw materials meet the standards that the company has set for its Products; to do this we have adopted a quality mark, called *Wellness Care Technology* by *Atria*, present only on products that meet the highest standards of:

GREEN *Certified² Air Cleaning Action*- purifies the air in treated environments.

GREEN Eliminates the formaldehyde in the environment.

GREEN Does not contain harmful substances - Class A+

Energy saving up to 20%¹

Big reduction in thermal exchange

“Thermos Effect” thermal insulation

High heat reflection

Low thermal conduction

Temperature regulation

Acoustic isolation

No mould

No condensation

Highly water repellent

Highly breathable

Highly elastic - does not form micro/macro cracks

Eliminates thermal bridges

Environmental protection

¹ Test report from the Department of Food Science and the Environment of the University of Messina.

² Technical report no. 326966 issued by the Istituto Giordano Spa.

THE SYSTEM

ATRIATHERMIKA is a complete system that offers solutions for all thermal insulation problems. Maximum protection and effectiveness against moisture, mould and condensation on both interiors and exteriors. Without forgetting well-being, comfort and health.

ATRIATHERMIKA IGIENIZZANTE

ATRIATHERMIKA PRIMER TERMIKO interiors

ATRIATHERMIKA PRIMER TERMIKO exteriors

ATRIATHERMIKA PITTURA exteriors

ATRIATHERMIKA 2 RIVESTIMENTO exteriors

ATRIATHERMIKA INTERNI interiors

ATRIATHERMIKA GREEN ARIA PULITA certified A+ interiors

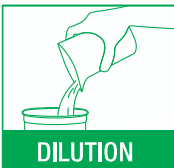
ATRIATHERMIKA GUAINA exteriors

GREEN

Thermal Insulating Paint

CLEAN AIR

INTERIORS



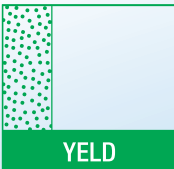
DILUTION

WATER
max 10%



APPLICATION

BRUSH
ROLLER
SPRAY



YIELD

3 sqm/lt
for 2-3 coats



DRYING

6 HOURS DRYING
TEMPERATURE
20°C

Note: Shake well before use, apply the product under favorable weather conditions (+5°C + 40°C)

Storage stability 12 months.

BENEFITS APPLYING ATRIATHERMIKA INDOORS

THERMAL INSULATION - THERMOS EFFECT

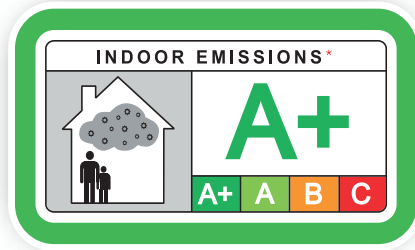
The internal temperature is not affected by the thermal stresses from outside. It is just the same as in a Thermos for food: the internal temperature remains stable. Uniformly heating or cooling an environment is faster and more immediate, giving a real saving in energy and air-conditioning costs.

LIVING COMFORT and HEALTH

Thanks to **ATRIATHERMIKA**, the interior temperature is evenly distributed and there are no longer hot and cold zones. Condensation, mould and moisture will just be a memory: the breathability of the products creates an unfavourable environment for the proliferation of spores and fungi, ensuring a healthy place to live. Moreover, with *Certified² Clean Air* by *Atriathermika GREEN* the air quality is further improved: the air is really purified of formaldehydes and other pollutants.

ATRIATHERMIKA IS GREEN

Your well-being is important to us. A well- being perceived in terms of living comfort due to the use of raw materials that are free of harmful substances. We have created and tested a certified A+ product, *Atriathermika GREEN Clean Air* that adopts the highest European standards for the emission of volatile organic compounds (EN ISO 16000-9:2006). An additional guarantee for your well-being and health.



DOES NOT CONTAIN
HARMFUL SUBSTANCES**
FORMALDEIDE *free***

**Analyzed substances	C CLASS	B CLASS	A CLASS	A+ CLASS	ATRIATHERMIKA GREEN
Formaldehyde	> 120	< 120	< 60	< 10	9
Acetaldeid	> 400	< 400	< 300	< 200	7
Toluene	> 600	< 600	< 450	< 300	<2
Tetracloroetilen	> 500	< 500	< 350	< 250	<2
Xylen isomers	> 400	< 400	< 300	< 200	<2
1,2,4 Trimethylbenzene	> 2000	< 2000	< 1500	< 1000	<2
1,4 Dichlorobenzene	> 120	< 120	< 90	< 60	<2
Ethylbenzene	> 1500	< 1500	< 1000	< 750	<2
2 Butoxyethanol	> 2000	< 2000	< 1500	< 1000	<2
Styrene	> 500	< 500	< 350	< 250	<2
TVOC - quantified as toluene ISO 16000-6	> 2000	< 2000	< 1500	< 1000	6

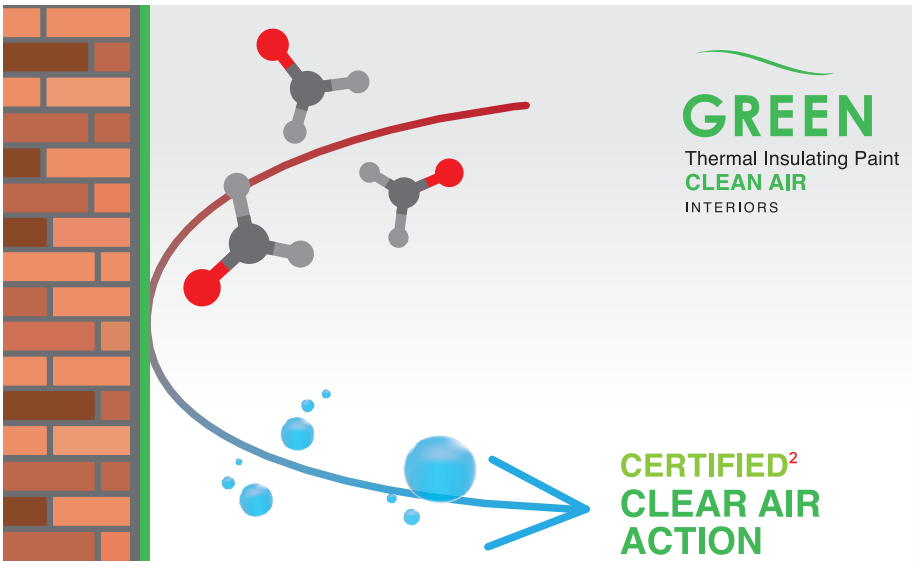
NB: Express data in µg/m3. Classification according to French Decree n. 321/2011 of 03/23/2011 and Arrêté of 04/19/2011, based on the issue after 28 days.

*Information on the level of emission of volatile substances in inside air, presenting a risk of inhalation toxicity, on a scale ranging from A+ (very low emissions) to C (high emissions). Decree no. 2011-321 of 23 March 2011, (French regulations on the emission levels in inside air).
**see table.



ATRIATHERMIKA PURIFIES THE AIR

Atriathermika GREEN introduces a new concept in the wall paint sector: thanks to *Certified² Clean Air*, *Atriathermika Green* eliminates the impurities in the air letting you live in a healthy environment free from pollutants. Formaldehydes and other substances in the environment are efficiently and permanently dissolved and removed, as shown by the certification issued by the Istituto Giordano (Technical Report no. 326966).



THE ENVIRONMENT and ENERGY SAVING

Living without electricity is unthinkable today. Today energy is equivalent to wealth, productivity and well-being, but we must assume a responsible attitude and use it conscientiously. By saving energy we safeguard the planet, since it is by means of the planet's resources that can produce it. According to the *ENEA Raee Energy Efficiency Annual Report* (2015) the energy consumption for air conditioning (heating and cooling) accounts for around 76% of domestic energy consumption. And it is now known that a green building, designed with sustainable materials and with the highest energy saving standards can reduce energy consumption by over 40%.

ATRIATHERMIKA is a product that allows a real reduction of domestic heating/cooling costs in with a temperature coefficient 20% higher than traditional paints; effectiveness tested and guaranteed by the Department of Food Science and the Environment of the *University of Messina*.

TEST REPORTS

