

AREA	Retailers
Product ref.	TKGI
Updating	2
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Type of product **ATRIATHERMIKA GREEN ARIA PULITA A+* certified**
Thermoinsulating Paint¹ for interiors

Watersoluble paint produced through thermo-polymerization plant based on terpoliacrilliche resins gel of new generations with insulating ceramic coated microspheres formaldehyde free, anticondenser and sound proofing for interiors (internal buildings) with smooth surfaces. The product is conceived and formulated to Colour and insulate at the same time any type of indoor area, with class A+* classification according to standard UNI EN ISO 16009 - 2006. Atriathermika Green has an innovative Clean Air Certified action, a unique feature that allows you to clean the air in treated environment. This product was designed and formulated to colour and insulate at the same time any type of inside surface. Atriathermika Green is made and tested according to The guarantee **Wellness-Care Technology** of **ATRIA**.

The main physical-chemical characteristics of the product are:

- **GREEN** Action Clean Air Certified² - purifies the Air in treated environments:
- **GREEN** eliminates the formadehyde and other polluting substances present in the environment:
- **GREEN** Formaldeidefree, it contains no substance harmful to health- Class A+*:
- Remarkably economical and energy saving¹:
- Strong insulating power HOT-COLD (thermos - effect):
- Elimination of thermal bridges, preventing the formation of mould, algae, and lichens in the presence of condensation:
- Equalizes the indoor temperature in the environment:
- Absorbing Effect:
- Strong reduction of the dispersion of heat from inside (internal) to outside (external):
- Water vapor permeability (breathable):
- Capability to hold and withdraw excess moisture by balancing the degree of humidity of the air in the environment:

¹ Test report of the Department of Food Science and the Environment at the Univeristy of Messina.

² Technical Report n. 326966 was issued by the Institute Giordano Spa.

* Information on the level of emission of flying substances n the air inside, wich present a risk for inhalation toxicity, on a scale ranging from A+ (very low emission) to C (high emission). Decree n. 2011-321 of March 23 - 2011 (French Regulatory level of emissions in indoor air). See table page 2

Suitable for

Any interior wall surface, metal, wood, plastic, etc. For plain and industrial wall structures, it can be used in the food industry, for its characteristics of neutrality non-toxicity and an obstacle to the formation of mould and contamination.

Caratteristiche tecniche

Appearance	Opaque
Colour	White and pastel shades (light colours)
Density (thickness) according to DIN 53217/2	Kg/Lt 1.05 ± 0,050
Supply viscosity	Slightly thixotropic
Dry volumetric residual	50% ± 2
Resa teorica mq/lt	3 mq /lt x 2-3 mani
Typical depth	500-600 micron
V.O.C. (Cat. A/C 30 gr/lt. 01/01/2010)	< 1 gr./lt.
How to apply	Paint brush, roller painting brush, spray
Dilution with water	Max 10%
Drying process 20°C	6 hours
Overlaying - Minimum / Maximum	12 hours - no limits
Storage stability	24 months
Standard packaging	13 Lt

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Note: The white and light colours(pastel shades) have greater solar reflection. Apply the product in favorable climatic conditions, minimum temperature + 5°C and maximum + 35°C. Do not apply if there is strong wind, the threat of rain, or on surfaces exposed to direct solar radiation (heat).

Analyzed substances
Class A+

	CLASS C	CLASS B	CLASS A	CLASS A+	ATRIATHERMIKA GREEN
Formaldehyde	>120	<120	<60	<10	9
Acetaldehyde	>400	<400	<300	<200	7
Toluene	>600	<600	<450	<300	<2
Tetrachlorethylene	>500	<500	<350	<250	<2
Xylene 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
VOC - quantified as toluene ISO 16000-6	>2000	<2000	<1500	<1000	6

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

How to apply

Preparation of surfaces

- **New walls:** make sure that they are sufficiently cured for at least 20 to 30 days from the last layer of plaster. Clean, remove dust and make sure they are dry and uniform. Prepare the surface with fixative Atriathermika Termiko primer for interior (inside buildings). If necessary, fill with Atriamural.
- **Old walls:** make sure that the old layers of paint are well anchored to the substrate, eliminate smog, dirt and dust by washing, prepare the surface with Atriatermix Termiko primer for interior or with EMULFIX siloxane water.
- **Iron metal surfaces:** clean well and apply with IDRODUST, FERSINT, IDROEPOX PRIMER.
- **Hot, galvanized surfaces:** clean and primed with ZINCOFOND MONO, IDROLUX SL.
- **Wood:** apply 1 -2 coats of primer IDROWOOD WATER.
- **Plastic – glass – aluminium wood – ceramic:** prepare the surface by applying the base coat IDROSEM WP.

Recommended for Interior surfaces, private and industrial buildings, hospitals, nightclubs, theatres, and rooms with a high production of water vapor.

Not recommended for Continuous immersion in water.

Recommendation Atriathermika Primer for interiors, Emulfix, Isocril, Idrorust, Idroepox primer, Idrolux SL, Fersint, Idrowood, Idrosem WP, Idrolux SL.

Safety information The product is not flammable. The product, due to its specific formula, does not require. Labelling according to information EEC 88/379. Avoid dispersing the residue and partially empty containers in the environment. For more information, refer to the updated Safety data sheet.

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