

## Product type

### Fiber-reinforced elastomeric thermal insulation paint for exterior.

Atriathermika Fibraface is a wall paint based on terpolyacrylic -elastomeric resins and thermoceramic microspheres, a product conceived and formulated to uniform (closes and seals the crazing and micro-cracks through the fibers), insulate (thermally isolate the surface) and make the elastomeric surface, the product after dried is hard, elastic, with a pleasant decorative aesthetic effect, maximum colorimetric resistance even on surfaces exposed to strong solar radiation.

#### The most important chemicals and physique characteristics of the product are:

- good energy-economy saving;
- strong hot / cold insulating power;
- thermos effect;
- elimination of thermal bridges, no forming of moulds, seaweeds, lichen, when there is the present of the condense;
- strong water repellency over time (impermeability);
- high water vapor permeability (breathability);
- excellent as thermal insulation for cladding (prevents overheating)
- excellent elastomeric capacity, capable of containing and masking cracks and crazing (spider effect) of the plaster.
- fiber-reinforced product
- suitable for historic and valuable buildings where it is necessary to preserve the original appearance

## Fields of Application

For any surface in cement, wood, civil and industrial wall structures, prefabricated houses (in concrete), composite materials requiring a strong insulating action (using a prior priming)

## Technical characteristics

Appearance	Opaque
Colour	White and colours shown on coatings chart
Density Kg/Lt	1 ,250 ± 0,05
Viscosity 25°C	Slightly Thixotropic
Dry residue in weight	65 ± 2%
Theoretical coverage	2,5 – 2,9 sq.m/lit in to 2 coat
Typical thickness	300 - 350 micron
Dilution	Water
Method of application:	
Trowel	Dilution 5 – 10 %
Ruller	Dilution 5 – 10 %

## Classification EN 15824

Water vapor permeability EN ISO 7783-2	V2 (SD < 0,240 m)
Water absorption EN 1062-3	W2 (w ≤ 0,310 [kg/(sq. m·h0,5)])
Accession to EN 1542	Suitable (≥ 0,3 MPa)
Durability EN 13687-3	Suitable (≥ 0,3 MPa)
Thermal conductivity EN 1745	0,230 W/m·K (tabulated value)
Reaction to fire EN 13501-1	Classe C
Drying 25°C	Do not touch 2 - 3 hours Dry to touch 4 - 6 hours Dry in Depth 12 – 18 hours
Can be painted over after minimum/maximum	12 hours / no limit
Storage stability	12 months
Standard packages	Lt 0,750 – Lt 5 – Lt 13

## Note

The white and light colours( pastel shades) have greater solar reflection. Apply with a minimum temperature not lower than + 5 ° C and with a temperature not higher than +40° C with relative air humidity not higher than 85%.  
Store the product at room temperature protected from sunlight and in its tightly closed containers. The white color and pastel shades have more solar reflection.

## Rules of Application

### Preparation of surfaces

Make check carefully the surface to be covered,  
Remove loose, friable and non-stick parts, clean and brush surfaces thoroughly, make sure they are solid, clean and dry, in case of new construction, respect the seasoning times of the support. Supports presenting irregularities, excessively rough jets, holes, cracks, etc. they must be repaired and / or shaved, with the use of Atriathermika Rasante thermiko or Inerplast , to close the cracks etc.

#### New/Old Walls:

Apply a first coat of **Atriathermika Primer** for external thermal insulation, after about 4 hours, apply a first coat of **Atriathermika Fibraface**, after drying after 12 hours apply the second coat respecting the timing of overlapping.

In the presence of old and degraded plasters apply a coat of **Murofix** consolidating insulation, and proceed with the finishing.

#### New Wood:

Apply 1 – 2 coats of solvent-based **ATRIAWOOD** or water-based **IDROWOOD** impregnating primer. After that apply 2 coats of **Atriathermika Fibraface**.

### Application note:

Apply in favorable climatic conditions (+ 5 ° C / + 35 ° C and maximum relative humidity 85%)

At the time of application the substrate must be sufficiently dry.

Do not apply on substrates with rising damp.

Avoid applying under the sun, in very windy or very hot days, with fog and high humidity, with rain and looming night frosts.

Protect the applications until their complete and deep drying, from rain, frost, fog, dew and dust for at least 24 - 36 hours

Any interruptions during the laying must be done in correspondence of edges or technical joints

Do not apply any continuation of the game on the same side.

The application on surfaces with saline efflorescence with rising damp does not guarantee the adhesion of the product to the support, furthermore they damage the surface coloring with whitish spots formation and / and uneven drips.

very important, on surfaces with excessive alkalinity (bastard mortars) where particularly delicate colors are applied (Example of colors: Purple, Blue, Pink, Orange, Bordeaux, Vivo red, Golden yellow, Lemon yellow and various shades and shades)

it is necessary to use UniformPlus or Murofix to neutralize the bottom and avoid colorimetric defects.

In case of strongly uneven surfaces it is possible to apply a third coat of Atriathermika Fibraface respecting the timing of overlapping.



# Atriathermika Fibriface

Scheda Tecnica *Revisione* :      *del* :

**Recommended for**      Exposure in rural, light industrial, marine, urban atmosphere.


**Not recommended for**      Continuous immersion in water.

**Recommended primers**      Atriathermika Primer for External, Emulfix, Murofix, UniformPlus, Atriawood or Idrowood impregnanti, Idrosem WP

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