

## PRODUCT: THERMAL COAT

### DESCRIPTION

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White, waterproof and thermal isolating paint, based on acrylic resins in aqueous emulsion. For indoor and outdoor use. It resists UV ray. It does not yellowing. It is specially formulated for waterproofing thermal isolation in facades and roofs. It can be left as an outdoor final. It reflects the sun's rays and it reduces the passage of heat into the indoor of the building, (it gives a mirror effect) it produces saving in energy consumption. It avoids condensation indoor buildings cause by temperature difference. Their mechanical properties, water resistance and elasticity reduce the formation of cracks, compared with other market products it stands out for its high resistance to atmosphere agents and good adhesion to supports like as concrete, cement, plaster, brick and moist supports.

It meets solar reflectance and thermal emission for energy saving requirements. Free of volatile organic compounds, according to regulation.

### TECHNICAL DATES

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<b>Dry to the touch</b>	<b>4 - 5 hours</b>
<b>Re-paint</b>	<b>Minimum 12 hours</b>
<b>Total polymerization</b>	<b>7 days</b>
<b>Saponification resistance</b>	<b>Excellent</b>
<b>Adherence</b>	<b>multiadhesion, controlling the porosity and moisture of the support</b>
<b>Finish</b>	<b>White semi-mate</b>
<b>Recommended thickness</b>	<b>200 µm</b>
<b>Particle thermal conductivity</b>	<b>0,066 (W/m.K)</b>
<b>Product thermal conductivity</b>	<b>0,050 (W/m.K)</b>
<b>Performance, depends requirements</b>	<b>350 g/m<sup>2</sup>.</b>

### APPLICATION

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Essential isolation for energy saving in modern building system.

Easy application and maximum effectiveness without additional works.

It is used for the waterproofing of party walls, roofs, terrace and metallic cover. When used indoors, it creates a hall effect, which avoids both hot and cold comfort temperature dissipation. Silky finish with decorative elements.

It needs to confirm the adhesion in special supports.

You need to remove the product before the application using a mechanical stirrer at low revolutions, with special interest in none foaming the product.

It always applies in primer supports without dust, grease, lime. Apply it by brush, roller or spray, (look up kind of machine and filter of application with our technical department). Apply it at temperatures above 5°C. Temperature and moisture can retard the dryness, but they do not reduce their properties. When you apply the second layer, you need to respect the minimum time to re-paint.



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## **STORAGE**

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Correct storage in its original container at temperatures between 5 y 40 °C. No storage more than twelve months.

## **SAFETY INFORMATION**

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THERMAL PROOF is not toxic or flammable under normal conditions of handling. Use without special safety measures is recommended; just legal conditions of occupational health are required.

## **DILUTION**

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READY TO USE. Not need dilution.

## **CONTAINERS**

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Container: 4, 18 Kg.