

## PRODUCT: PROOF W THERMAL

### DESCRIPTION

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Thermal insulation and waterproof membrane based on acrylic resin in aqueous emulsion. It is used indoor and outdoor. It is specially formulated for waterproofing roofs before or after final coating. 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 produces saving in energy consumption, it recommended for the waterproofing of dividing the front of building. If it is applied indoor, it avoids condensation 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 elasticity, high resistance to atmosphere agents and good adhesion to supports like as concrete, cement, plaster, brick and moist supports.

Free of volatile organic compounds, according to regulation.

It can be smooth or textured finish.

### 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>Traffic</b>	<b>48 hours moderate / 7 days normal</b>
<b>Saponification resistance</b>	<b>Excellent</b>
<b>Adherence</b>	<b>Excellent, controlling the porosity and moisture of the support</b>
<b>Finish</b>	<b>White semi-mate</b>
<b>Recommended thickness</b>	<b>1-2 mm.</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>1-2 Kg/m<sup>2</sup>.</b>

### APPLICATION

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You need to remove the product mechanically before it uses, it needs perfect homogenization. It always applies in primer supports without dust, grease, lime or another element which do not permit it adherence by brush, roller or spray, (look up kind of machine and filter of application with our technical department). It applies at temperatures between 5 and 40 degrees. 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.

- New surfaces of concrete and cement:
  - Apply the first layer of primer (UNIVERSAL PRIMER) diluted 4 parts of water 1 part of product.
  - Let dry for 4 or 5 hours.

- Apply the first lightweight layer of PROOF W THERMAL, this is used like a grip and after that apply a second layer until you reach the required performance.
- Old surfaces:
  - The surface need to be clean before the product was being applied, eliminating all traces of paint.
  - Repairing the defective areas and peeling.
  - The product is applied in the same way as in new surfaces.
- Terrace with background of concrete or cement:
  - Brick joints and dilatation need to be clean with water and fungicide, mildew can be removed with a metallic brush.
  - It should be rinsed with water and let dry 3 or 4 days.
  - Re-join with appropriate materials. They should be elastic materials (concretes, fillers).
  - The product is applied in the same way as in new surfaces.
- Efflorescence, Saltpetre:
  - It needs to wash with a specific cleaner. Rinse it with water and let dry.
  - Applied one or two hands of STOP SALTPETER is recommended, it is a specific blocker fixative of salts. No carbonation effect.
  - The product is applied in the same way as in new surfaces.
- Dusty surfaces:
  - Essential apply a primer UNIVERSAL PRIMER diluted 5 or 6 parts of water and one part of primer.
  - The product is applied in the same way as in new surfaces.
- Dump, vapour spots:
  - It needs to wash with water and detergent. Apply a sealer top spots primer anti-dump.
  - The product is applied in the same way as in new surfaces.
- Surface with fungi:
  - It is essential primed with fungicide.
  - The product is applied in the same way as in new surfaces.

## STORAGE

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

## SAFETY INFORMATION

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PROOF W THERMAL 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: 5, 20 Kg.