

# DATA SHEET

# THERMAL LINE





## THERMAL LINE

### WATER-BASED THERMAL INSULATING COATINGS



#### DESCRIPTION

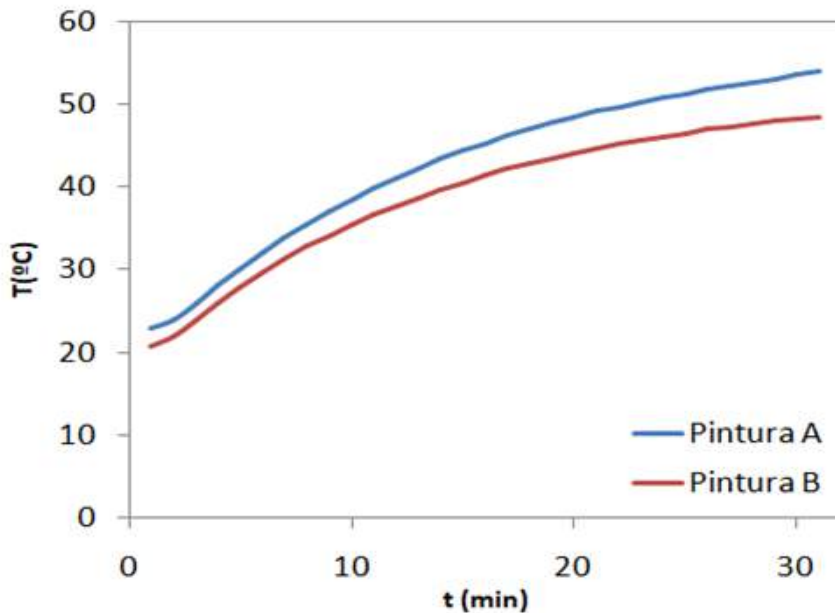
New patented technology for greater thermal insulation. It is a family of 4 products designed with the maximum technical features, in terms of their construction performance, adding a new way of thermally insulating our projects. All products are designed as water-based, single-component products ready to use.

Thanks to its new technology, it allows savings of 50% in the use of pigments. Obtaining minor color wear on the exterior.

#### TESTS CARRIED OUT BY THE CSIC

(Higher Center for Scientific Research in Spain)

#### HEATING TEST BY IR RADIATION



MAXIMUM PERFORMANCES

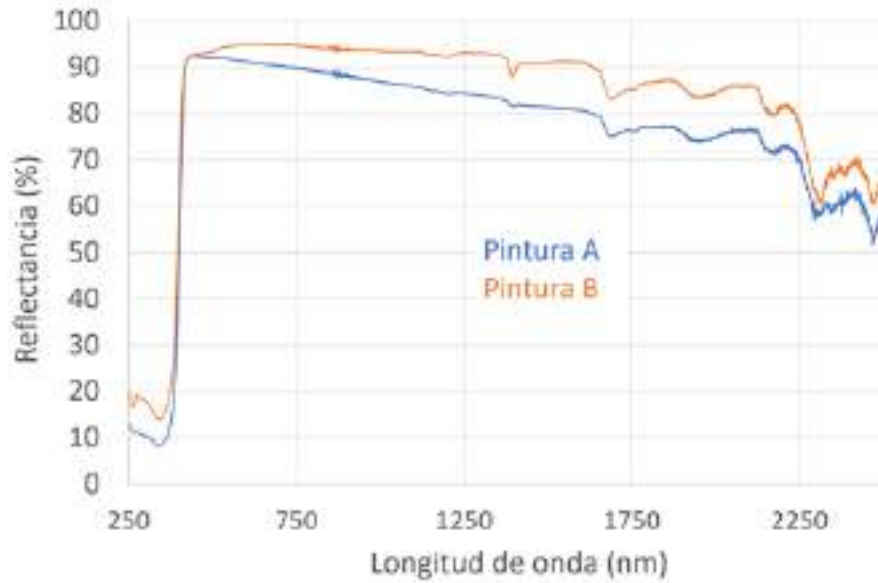
EXCLUSIVE THERMAL INSULATION

PATENTED PRODUCT

- BLUE LINE: Standard coating.
- RED LINE: New technology coating.



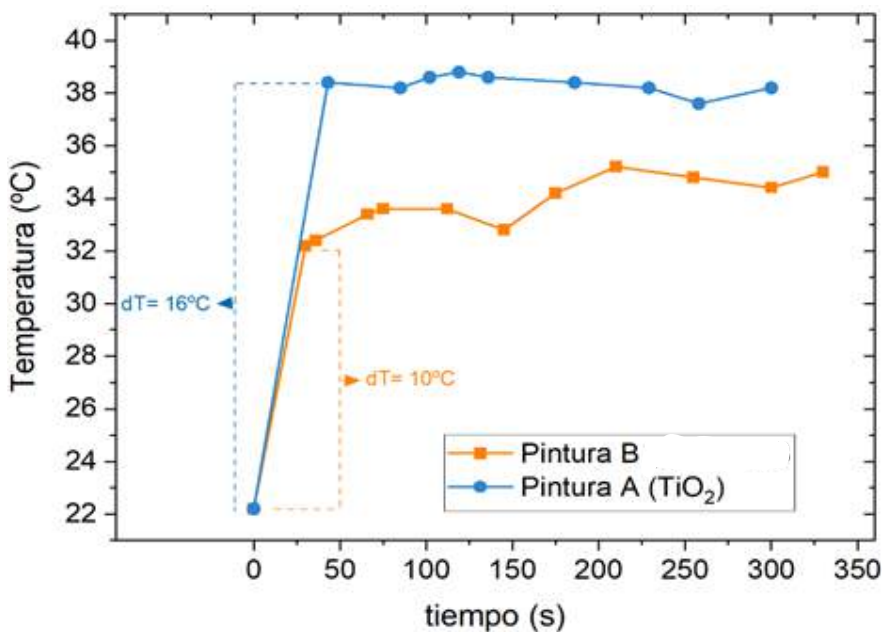
REFLECTANCE TEST - UV SPECTROPHOTOMETRY



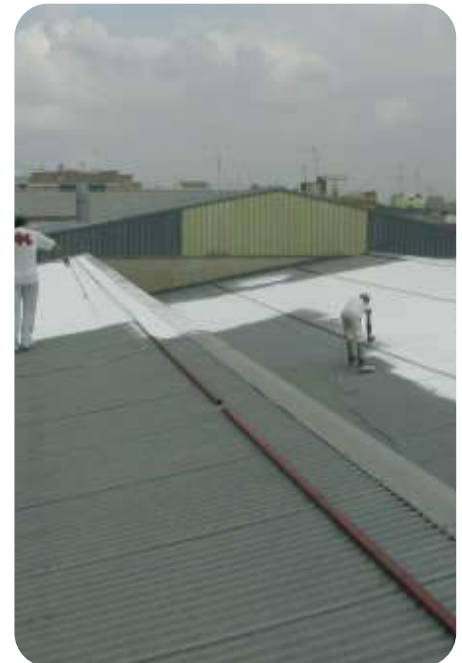
- BLUE LINE: Standard coating.
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SIMULATED SOLAR RADIATION WARMING TEST  
LCS-100 solar simulation equipment



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PROPERTIES

Maximum whiteness and opacity with values above 95%	High outdoor resistance	Dry to the touch 4-5 hours	High washability
ASTM STANDARD 1980-11 SRI 121	Average reflectance in the range 300 to 2.500 nm 93%	Repainted 12-24 hours	Colorable coating White thermal efficiency 100% Light colors thermal efficiency 70% Dark colors thermal efficiency 50%

PRODUCT LIST

-**MATTE PAINT PRO THERMAL:** Plastic paint with a matte finish, with high coverage and maximum whiteness of 98%, based on top quality styrene-acrylic resins, pigments, fillers and additives. *Yield 200-250 gr/m2. 22 kg/15 liter container.*

- **THERMAL PAINT WATERPROOF:** Professional outdoor coating, based on siloxanes and acrylic resin in aqueous emulsion. Matte finish and high resistance, specially prepared for application on both old and new construction surfaces. Whiteness and opacity at 96%. *Yield 250-300 gr/m2. 22 kg/15 liter container.*

-**PROOF W THERMAL:** Thermal waterproof membrane. Based on acrylic emulsions without organic solvents and free of bituminous products. Good elasticity, forms a film above 5°C. Specially designed for vertical surfaces, high coverage and wear resistance. *Yield 350 gr/m2. 18 kg/15 liter container.*

-**PROOF W PRO THERMAL:** Thermal waterproof membrane. Based on acrylic emulsions without organic solvents and free of bituminous products. Good elasticity, forms a film above 5°C. Specially designed for horizontal surfaces, high coverage and wear resistance. *Yield 2 kg/m2. 18 kg/15 liter container. FIREPROOF version available.*



## APPLICATION

The surfaces to be painted must be free of dust, grease and lime. Remove content from container until perfectly homogenized and add water according to the desired fluidity. Apply with a spray gun, roller or brush.

### New cement and concrete surfaces:

- Apply a first coat of TOP PRIMER.
- Let it dry for 3-4 hours.
- Next, apply a first layer of the product selected from the thermal line and then a second layer after 12 hours.

### Old surfaces:

- *Clean the surface well before applying the product, removing all traces of paint in poor condition.*
- *Repair defective areas and chips.*
- *Always prime with TOP PRIMER.*
- *Then apply the product in the same way as on new surfaces.*

### *On terraces with a concrete or brick bottom:*

- *Thoroughly clean the brick and expansion joints with water and anti-mold fungicide, with the help of a metal brush to eliminate mold.*
- *Rinse well with water and let dry for 3 or 4 days.*
- *Proceed with the application of the product as indicated in the case of new surfaces.*

### *Pay special attention to uneven surfaces.*

- *Consolidate the supports to be treated well.*
- *Generally, the application of TOP PRIMER will be sufficient.*

## RECOMMENDATIONS

*Protect the packaged product from frost. Do not apply with temperatures below 5°C, nor on hot days (35°C) or with hot west winds.*

### *Measures to take in case of presence of:*

#### *Efflorescence, saltpeter:*

- *Clean with a cleaning product. Rinse with water and let dry.*
- *It is advisable to apply one or two coats of STOP SALPETER, as a barrier that will slow down the passage of saltpeter.*

## STORAGE

*It must be stored between 5 and 40 °C in its original packaging. Do not store it for more than twelve months.*

## SAFETY INFORMATION

*Non-toxic and non-flammable products, under normal handling conditions. Use is recommended without special safety measures, only the legal std health regulations.*