

# PRB COOL+ ROOF TOP



ORGANIC FINISH OF THE PRB COOL+ ROOF HEAT-REFLECTING SYSTEM

## The +s of PRB COOL+ ROOF TOP

- + Enhances long-term heat-reflecting properties
- + Specific PVDF-based resin to protect against dirt, grime and wear and maintains the whiteness of the finish over time
- + Reduced heat absorption: improves indoor thermal comfort
- + Reduces the need for air conditioning
- + Counteracts the urban heat island effect

French Standard T 36-005:  
Category I - Class 7b2  
BROOF (t3) system, pending certification



### PACKAGING

- Metal bucket with eco-packaging: 20 kg.
- 150 kg recyclable drums.



### STORAGE LIFE

12 months - in its unopened original packaging.

### CONSUMPTION/USE depending on the substrate

- Smooth substrates: 100 g/m<sup>2</sup>
- Structured substrates: 150 g/m<sup>2</sup>

COLOUR: White.

## AREA OF USE

### USES

PRB COOL+ ROOF TOP is the finishing coat for the PRB COOL+ ROOF system. It maintains the heat-reflecting properties of the system by limiting dirt build-up on roofs that have been coated with our PRB COOL+ ROOF BASE.

### SUITABLE SUBSTRATES - Exterior:

Roofs or terraces with a minimum slope of 3% and coated with PRB COOL+ ROOF BASE.

### APPLICATION CONDITIONS

- Apply to clean, sound roof surfaces, free from damp, moisture, flashing or any other substance that could interfere with the proper adhesion of the paint, and coated with PRB COOL+ ROOF BASE.
- Substrate temperature limits: 10°C < T < 45°C.
- Max. humidity: 80%.

- Do not apply in rain, fog, winds in excess of 30 km/h or if the surface is too hot, wet or frozen.
- Do not apply if there is a risk of rain in the next 24 hrs
- PRB COOL+ ROOF TOP, should be applied at least 24 hours after applying PRB COOL+ ROOF BASE.

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- Waterborne acrylic copolymer
- Specific additives to ensure the long-term heat-reflecting properties
- Specific mineral fillers.
- Reflective pigments.

### PRODUCT

- Appearance: Fluid
- pH: 8.5 ± 0.5
- Density: 1.43 ± 0.05
- Dry extract: 59% ± 2.
- Drying time: wait at least 24 hrs

### System performance - PRB COOL+ROOF:

- SRI (Solar reflectance index – ASTM E1980): 118.
- TSR (Total Solar Reflectance – ASTM - E903): 93.3%.
- Thermal emissivity (NF EN 15976): 88%.

### APPLICATION

- Airless paint sprayer: nozzle sizes: 417 / 419 / 517 / 519 / 617 / 619.
- Brush or facade roller (hair length: 5/8 mm)

## UTILISATION

### PRODUCT PREPARATION

Before applying PRB COOL+ ROOF Base, the substrate must first be inspected by the project owner or their representative in accordance with the standards, trade rules and French DTUs in force for all types of roofing (NF DTU 20.12 / NF P10-203; DTU 43.5 / NF P84-208-1).

Points to look out for to ensure a clean and compliant substrate:

- Before applying PRB COOL+ ROOF BASE, make sure that the preparation precautions

have been taken (dry, clean substrate, free of dust, moss, etc.) and that the surface is properly covered with PRB COOL+ ROOF BASE.

As a general rule, after applying PRB COOL+ ROOF BASE, the substrate must be completely covered with the latter before applying PRB COOL+ ROOF TOP. The surface must be checked for defects (unpainted areas, poor coverage, peeling, etc.).

### PRODUCT PREPARATION

This product is a ready-to-use product Mix PRB COOL+ ROOF TOP at a slow speed (at 300 to 400 rpm) to avoid the formation of bubbles.

- Airless paint sprayer : nozzle sizes 417 / 419 / 517 / 519 / 617 / 619.
- Brosse, Rouleau laqueur - poil 5/8 mm.

NB: Clean tools with clean water.

The water used for rinsing tools must be recovered and treated and must not be released into the environment.

### MAINTENANCE

In order to maintain the performance of the PRB COOL+ ROOF system, we recommend cleaning the roof with a pressure washer (set at low pressure) every two years before the summer period.

Before autumn, remove all leaves, branches and anything else that could obstruct the drainage of rainwater. Particular attention should be paid to drainage points (gutters, downpipes, etc.).