



THERMO-LUX® for EXTERIORS

THERMO-INSULATING, HEAT REFLECTANT, ALGAE RESISTANT, ACRYLIC VARNISH, WITH GOOD ELASTIC, WATER REPELLENT PROPERTIES.

Technical sheet

COD. 622 RIF. 1205

TECHNICAL PROPERTIES:

SPECIFIC WEIGHT	0,86 kg/l ^t +/- 0,03 a 20°C
COLOUR	Non covering white
APPEARANCE OF THE DRY FILM	Semi-transparent, matt, slightly rough
VISCOSITY AT 20°C	8.000 cps +/- 1.000 a 20°C
NATURE OF BINDER	Modified acrylic binder
APPLICATION $\geq 5^{\circ}\text{C} \leq 30^{\circ}\text{C}$	Brush, roller, airless
DRYING AT 20°C	2 – 3 hours
COATABILITY	After 4 - 5 hours, at least
THINNESS	Ready for use, when necessary max 10% with water
YIELD	Approx. 6 – 7 m ² /l (one coat)



SURFACE PREPARATION:

- Bare walls: clean thoroughly, removing dust/filth and ensure the wall is perfectly dry
- Walls with existing paintwork: remove any unsound paintwork, clean thoroughly, remove dust and filth. Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence.
- We recommend pretreating mould, algae or moss by washing with our detergent **GERMOSOL** and by applying one coat of **GERMOSTOP (antibacterial products)**. In any case, behave in order to get an ideal surface. FOR INDUSTRIAL ROOFING, WE RECOMMEND CLEANING WITH PRESSURE WASHER.

APPLICATION:

For maintenance of residential and industrial buildings, **THERMO LUX** must be used like a heat reflectant, semi-transparent, elastic, water-repellent acrylic varnish, especially formulated to protect external glass, fibreglass and polycarbonate surfaces. Stir well, thin 5 – 10% in volume with water using one liter per 6 – 7 m² per layer. Allow 4 – 5 hours and apply the second and the third layer.

Do not apply THERMO LUX at ambient or substrate temperature below + 5°C or above + 30°C.

MAIN CHARACTERISTICS:

THERMO LUX, when dry, creates a semi-transparent film that allows the sunlight to go through the surface but it prevents the view (inside/outside).

The feature to resist to heat transfer and to reflect solar radiation create a thermal insulating effect and consequently **THERMO LUX** improves cooling efficiency and energy saving.

Thinned product must be used within the same working day.

YIELD:

The two/three-coat painting cycle implies a coverage of about 6/7 m²/l for coat of **THERMO LUX**. It is suggested to determine the same by testing on the specific substrate. A total coat of 150-200 microns is recommended to achieve the ideal energy efficiency.

WARNINGS:

Apply the product in climatic conditions as mentioned above. In unsuitable conditions, the application of the product is adversely affected in the drying time, and the achievement of the optimum appearance and performance can be compromised. After application, exterior surfaces must be protected against rain, freezing, fog and dew for at least 48 hours. In ideal weather conditions (+20°C. and 65% R.H.) drying and physical crosslinking occurs in about 7 days; yet, drying may take longer when temperatures are lower and humidity is higher and some unsightly looking, translucent and sticky leakages could appear. This temporary phenomenon does not affect the performance of the product and may be removed by washing or waiting for the next rainfall event. Not mature plasters and patches can cause fading, stains and appearing of efflorescence.

STORAGE:

Store in a cool, dry, well ventilated area away from heat and direct sunlight.

Refer to the SDS for further information.

The data herein are correct at the time of Quality Control and refer to standardized environmental conditions. The same must be considered as a guide and don't have to be used in substitution for customer's tests to ensure that Barozzi Vernici products are safe, effective and fully satisfactory for the intended use. Moreover, since conditions and methods for the application are beyond our control, Barozzi Vernici cannot be responsible of them.