

REVISION: 00

Issued date: 26th May 2022

WANNA WPP 321



WANNA WPP 321 is an elastomeric thermal insulation coating that specifically designed for roofs, wall, and surfaces that requires heat transfer reduction. WANNA WPP 321 can effectively reflect radiant heat ray and dissipating heat to keep building cool.

PHYSICAL PROPERTIES

Appearance/Colors	White liquid
Non-volatile content (%)	>54
Viscosity at 30°C (cps) Brookfield RVT spindle 4 speed 20rpm	5000 - 9000
pH	8.5 - 10.5
Shelf life (in closed container)	12 months

**Figures under "Physical properties" are intended as a guide and should not be used in preparing specifications.*

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FEATURES:

- Matt white finish
- Excellent thermal insulation
- High cross linked and recovery properties
- Excellent adhesion to multi substrates (masonry, concrete, metal and wood)
- Able to withstand negative water pressure, excellent crack bridging property and resistance to chemicals (acid, basic and chloride).
- Water proof
- Low VOC and non-flammable

TECHNICAL DATA

Drying time - Touch dry: 20-25 minutes (depend on Temperature & humidity)
- Hard dry: 50-60 minutes (depend on temperature & humidity)

Recoating time 2-4 hours (depend on temperature & humidity)

Wet film thickness 150-200 micron per coat (depend on substrate condition)

Coating system recommendation 1) **Wanna WPP3** (water proofing primer): **1X**
2) **Wanna WPP 321** (thermal insulation coating): **2X**

Typical coverage ~2-3m² per kg per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)

Dilution The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 2%.

APPLICATION METHOD

By brush, roller or air-less spray

SURFACE PREPARATION

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

STORAGE AND HANDLING PRECAUTIONS

- Store in a cool, dry place and avoiding direct sunlight.
- Keep the container tightly closed and protect from frost.
- Wash the tools with water before the glue dry.
- Operators should put on gloves during work. Be sure to wash thoroughly with water when the bond sticks to skin or clothes.
- Stir well before use.

PACKAGING

Please consult our sales representative for the packaging available.

IMPORTANT

- *All information, whether written or verbal regarding our products, their applications and uses is given in good faith and based upon tests made by us, results of our research work and practical experience.*

- *Although the reasonable care has been taken in the preparation of such information, we cannot be responsible for the results obtained in their use, since the conditions of use and working methods are beyond our control.*
- *We disclaim third part liability for results obtained using our products and recommend that tests should be carried out to determine the suitability of a particular product for a specific purpose before production is commenced. Otherwise, the general terms of sale and delivery are valid.*