

PENTENS T-200

Heating Resistant Waterproofing coating

Product Data Sheet



Description

PENTENS T-200 is based on a newly developed Acrylic Polymers and it is dramatically reduces solar heat absorption in either air-conditioned or non-air conditioned buildings. **PENTENS T-200** is an environmentally friendly and low VOC material. It takes the majority of the heat load off a building's skin and reduces temperatures to approximately that of outside shade.

Uses

PENTENS T-200, which is one-part elastomeric cross linking latex copolymer emulsion designed as exposed waterproofing coating on:

- RC gutters and planter boxes
- Floor slabs
- Deck
- Wood siding / Fences
- External wall
- Flat roof
- Metal roof
- Concrete structures

Advantages

- Low VOC
- Environmentally Friendly
- Water based, environment friendly
- Air and UV protection
- Chemical resistant and waterproof
- User friendly, suitable use on any surface
- Adheres well over aged, galvanized and metal roofs, wood, asphalt or aluminum coatings, polystyrene foam insulation, polyester plastic panels, precast flat concrete and barrel cement tiles and many roofing materials.
- Has a high rate of water vapor transmission which permits moisture in the substrate to escape without causing blistering, peeling, or flaking.
- Prevention of ravages of acid rain, freeze-thaw, cycles, sunlight, bacteria and fungus.
- Non-toxic.

Technical & Physical Data

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|-------------------------------|---|
| Form | Liquid |
| Colour | Grey, white, green, yellow etc |
| Resin | Acrylic |
| Density | 1.30 kg/litre |
| Solid content | >60% by weight |
| Elongation | >148% |
| Tensile Strength (reinforced) | 56.5 kgf/cm ² |
| Reflectivity | 85% |
| QUV Accelerated Weathering | No cracking |
| Curing Time | 12 hours |
| Application Temperature | -10°C to 50°C |
| Service Temperature | -10°C to 100°C |
| Self Life | At least 1 year when unopened and damaged |
| Storage condition | Store in a dry cool place |
| Packaging | 20kg, 10kg, 5kg/pail |

Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Never apply more than 3 kg/m² of PENTENS T-200 in one single layer.
3. Apply only to clean, sound substrates where surfaces should be well dampened but free of surface water and leaks.

