

PENTENS T-200

Heating Resistant Waterproofing coating

Product Data Sheet



Description

PENTENS T-200 is based on a newly developed Acrylic Polymers and it 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

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.