

CAR PORCH SYSTEM



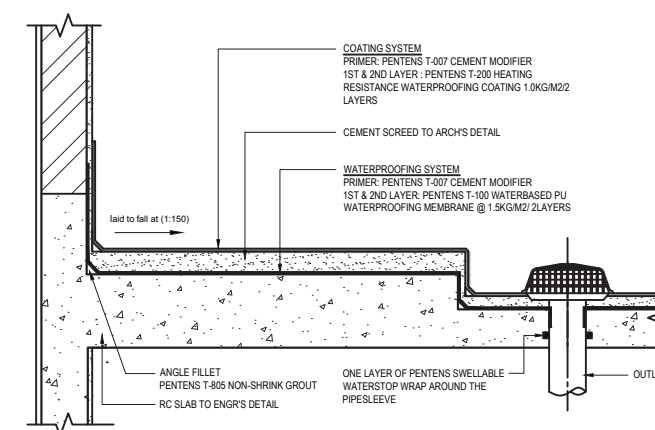
Car Porch normally constructed with cement screed protected surface. The surface aesthetically needs a layer of decorative protection to prevent mold, waterproof, cover fine crack lines, resists to weather. **PENTENS T-200** is based on a newly developed Acrylic Polymers and it is dramatically reduces solar heat absorption in either air-conditioned or non-air conditioned buildings. **PENTENS T-200** is environmentally friendly and low Voc's material. It takes the majority of the heat load off a building's skin and reduces temperatures to approximately that of outside shade.

Pentens T-200 Technical Data

Elongation (ASTM D 412-06AE2)	Tensile Strength (ASTM D 412-06AE2)	Solid Content (%)	Reflectivity (%)
197.4	Average 3.5	>60	85

Pentens T-200 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.



Car Porch Waterproofing Application

- Primer : Pentens T-007
- 1st Layer : Pentens T-100
- 2nd Layer : Pentens T-100
- 3rd Layer : Pentens T-200
- 4th Layer : Pentens T-200



Pentens T-100 & Pentens T-200 Green Test Data

Heavy Metals:

(EPA 3025 / EPA 6010B : ICP)

A. Cadmium (d)	Not Detected
B. Lead (Pd)	Not Detected
C. Total Chromium (Cr)	Not Detected
D. Mercury (Hg)	Not Detected

Volatile Organic Compounds (ISO 11890-2) (g/L)	0.53 (T-100) 10.19 (T-200)
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Total Halogenated Organic Solvent (ISO 11890-2) (%)	Not Detected
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Total Aromatic Organic Solvent (ISO 11890-2) (%)	Not Detected
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Epichlorohydrin (ISO 11890-2) (%)	Not Detected
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N-Methyl Pyrrolidinone (ISO 11890-2) (%)	Not Detected
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Formaldehyde (High Performance Liquid Chromatography) (%)	Not Detected
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Alkyl Phenol Ethoxylate (LCMS-MS) (%)	Not Detected
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Flash Point (ASTM D3828-07a) (°C)	>61
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