

### UV Resistant Elastomeric Waterproofing Coating

#### Description

PENTENS T-200 is a newly developed polyurethane acrylic copolymer waterproofing coating offering a hardness and durability. It resists ageing from heat, sunlight and ozone. It has excellent gas impermeability and toughness, and remains flexible at low temperatures. It is a warranted roofing and tanking product.

#### 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

- Water based, environment friendly
- Gas and oil resistant
- UV Blockers
- No blistering, cracking and peeling
- Chemical resistant and waterproof
- User friendly, suitable use on any surface
- Can withstand foot traffic
- Non-toxic



#### Technical & Physical Data

|  |   |
|--|---|
| Form                                   | Liquid                                    |
| Color                                  | Grey, white, green, yellow, etc.          |
| Resin                                  | Polyurethane acrylic copolymer            |
| Density                                | 1.20 ± 0.1 kg/litre                       |
| Solid content                          | >60% by weight                            |
| Elongation (ASTM D412)                 | >240%                                     |
| Tensile strength (ASTM D412)           | >45 kgf/cm <sup>2</sup>                   |
| Tear Strength (ASTM D624)              | >35 kgf/cm                                |
| Aging test (80 <sup>0</sup> C, 168hrs) |   |
| ASTM D573-04                           |   |
| a. Tensile Strength                    | >50 kgf/cm <sup>2</sup>                   |
| b. Elongation                          | >140 %                                    |
| c. Tear Strength                       | > 45 kgf/cm                               |
| Water vapor transmission (Perms)       | <5  |
| ASTM E96 Method B                      |   |
| Application temperature                | 5 <sup>0</sup> C to 40 <sup>0</sup> C     |
| Service temperature                    | 0 <sup>0</sup> C to 80 <sup>0</sup> C     |
| Self life                              | At least 1 year when unopened and damaged |
| Storage condition                      | Store in a dry cool place                 |
| Packaging                              | 20kg pail<br>200kg drum                   |

#### Important Notes

1. Minimum ambient and substrate temperature is 5<sup>0</sup>C.
2. Never apply more than 1 kg/m<sup>2</sup> 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.
4. Thoroughly agitate contents before use.

