

# PENTENS T-100



## Product Data Sheet

Water-Based PU Bituminous waterproofing membrane [www.anugerahwaterproof.com](http://www.anugerahwaterproof.com)

### Description

**PENTENS T-100** is a specially produced PU bituminous waterproofing compound for use on both internal and external surfaces. It will bond perfectly to almost any surface such as concrete, masonry, metal and timber. It may be applied to new or existing structures, and will bond to a damp surface. It can also be mixed with sand, to form a mortar of any desired consistency.

### Uses

To provide a better water and vaporproof in complicating application surface compare to membrane-type and ensure better integrity between applied surfaces and waterproofing coating. Areas of application include:

- Floor slabs
- Patios, terraces and balconies
- Bathrooms
- RC gutters and planter boxes
- Swimming pools and water tanks
- Basements and fountains
- Retaining walls

### Advantages

- High elasticity.
- Will bond to almost any surface.
- Does not run or creep under any heat.
- Resists a wide range of acids and alkalis.
- Can be applied to a damp surface.
- Odourless and produces no fumes.



### Technical & Physical Data

Form	Paste like Emulsion
Color	Dark Brown
Specific Gravity CNS 6988	1.08
Hardness (Type A/1 Sec) CNS 6988	35
Tensile Strength (kgf/cm <sup>2</sup> ) CNS 6988	>28
Elongation (%) CNS 6988	>400
Tear Strength (kgf/cm) CNS 6988	>14
100% Modulus of Elasticity (kgf/cm <sup>2</sup> ) CNS 6988	10
Adhesive Strength (kgf/cm <sup>2</sup> ) JIS A6909	>8
Water Vapor Transmission (Perms) ASTM E96 Method B	<3
Puncture (kgf) ASTM E154	>17
Chemical Resistance (10% HCOOH, 60°C, 24 hrs) ASTM D543	No Changes on the surface of the sample
Shelf Life	1 year when unopened and undamaged
Storage Condition	Store in a dry cool place
Packaging	20kg pail 200kg drum

### Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Never apply more than 1 kg/m<sup>2</sup> of PENTENS T-100 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.**

