

WATER TANK SYSTEM



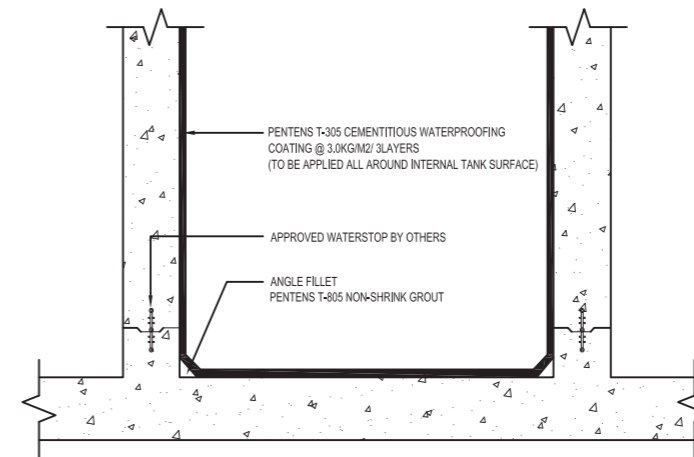
This application is for drinking and non-drinking water tanks either on new or old concrete. In both cases, the cement base products are ideal for this application. **PENTENS T-305** Cementitious waterproofing coating whereby could stand positive or negative pressure needs to be applied in order to protect the concrete and prevent any leakage of the contained liquid.

Pentens T-305 Technical Data

Elongation (%) ASTM D 412(Die C)	Tensile Strength (kgf/cm ²) ASTM D 412-(Die C)	Tear Strength (kgf/cm ²) ASTM D624	Puncture (kgf) ASTM E154	Chemical Resistance 10% HCOOH, 600,24hrs
24.30	8.30	7.20	9	No Changes on the surface of the sample

Pentens T-305 Advantages:

- Low VOC.
- Environmentally friendly.
- Pre-batched and ready for used.
- High workability.
- Good adhesive to sound substrate.
- Can be applied directly on damp or wet surface.
- Impermeable.
- Frost and salt resistance.
- Resist carbon dioxide penetration.
- Slightly flexible.
- Capable of re-application.
- Non-toxic.



Green Waterproofing Application

- Primer : Pentens T-007
- 1st Coat : Pentens T-305
- 2nd Coat : Pentens T-305
- 3rd Coat : Pentens T-305

PENTENS T-007 Technical Data

- Form : Emulsion
- Appearance : Milky
- Solids Content : >45%
- Viscosity : 3000 cP



Pentens T-305 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)	0.63
Total Halogenated Organic Solvent (ISO 11890-2) (%)	Not Detected
Total Aromatic Organic Solvent (ISO 11890-2) (%)	Not Detected
Epichlorohydrin (ISO 11890-2) (%)	Not Detected
N-Methyl Pyrrolidinone (ISO 11890-2) (%)	Not Detected
Formaldehyde (High Performance Liquid Chromatography) (%)	Not Detected
Alkyl Phenol Ethoxylate (LCMS-MS) (%)	Not Detected
Flash Point (ASTM D3828-07a) (°C)	>61

