

LIFT PIT SYSTEM



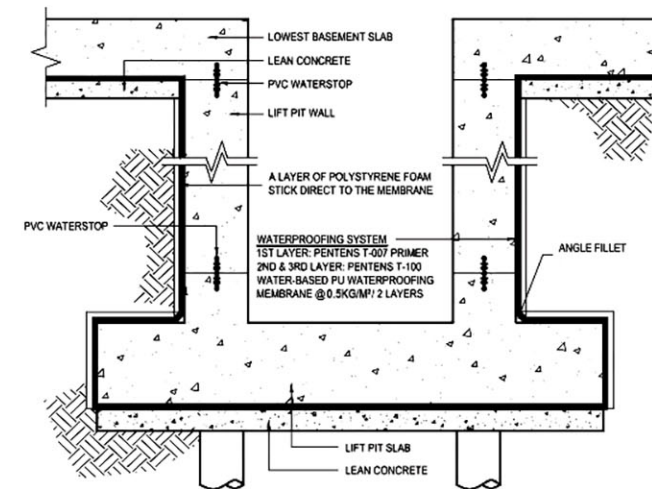
Lift pit is the lowest section of the lift shaft that generally falls below ground level which makes it susceptible to water ingress. PENTENS T-100 water based PU waterproofing membrane is the ideal choice to lift pit because it complied in high elongation with excellent properties. It's easy application with brush and usually applied to the external face of pit and walls.

Pentens T-100 Technical Data

Elongation ASTM D412-06ae2 (%)	Tensile Strength (kgf/cm ²) ASTM D 412-98	Tear Strength (kgf/cm ²) CNS 6986	Puncture (kgf) ASTM E154	Chemical Resistance 10% HCOOH, 600,24hrs
1128	20.90	11	1.6	No Changes on the surface of the sample

Pentens T-100 Advantages:

- Low VOC.
- Environmentally friendly.
- Easy application.
- High elasticity.
- Superb adhesive strength.
- Can be applied directly on damp or wet surfaces.
- Suitable in hot and humid tropical climate.
- Resistant to bubbling or side osmosis.
- No phenomenon even submerges in water for a long time.
- Capable of re-application.
- Non-toxic.



Lift Pit Waterproofing Application

- Primer : Pentens T-007
- 1st Coat : Pentens T-100
- 2nd Coat : Pentens T-100



Pentens T-100 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
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

