T-305TH

Flex Cementitious Waterproofing Coating

Pentens T-305TH is a cement based waterproofing coating incorporates 2 polymer components. Apply directly to concrete and mortar to prevent water infiltration.

Pentens T-305TH can be used for positive and negative side waterproofing, sealing of hair line cracks and as a protective coating against aggressive chemicals such as carbon dioxide (eg. in concrete repair work), frost and de-icing agents.

PACKING: 10 kg/pail + 25 kg/bag

AREAS OF APPLICATION INCLUDE:

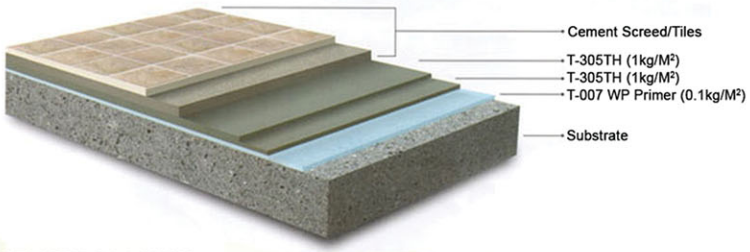
Potable water tanks, Terraces and balconies, RC gutters, Bathroom floors and walls, Basements, Retaining walls, Seawalls

ADVANTAGES:

- Pre-batched and ready for used
- Mixes and applies easily
- Highly workability
- Good adhesion to sound substrates
- Impermeable
- Increased frost and salt resistance
- Resist carbon dioxide penetration
- Non-toxic
- Slightly flexible

Esay Application
Available for Roll

Crack Seal
Excellent Bonding



TECHNICAL & PHYSICAL DATA

Tensile Strength (kgf/cm2) (ASTM D412 (Die C)	8.3
Elongation (%) (ASTM D412 (Die C)	24.30
Tear Strength (kgf/cm) (ASTM D624)	7.20
Hardness (Shore A) (ASTM D2240)	54
100% Modulus of Elasticity (kgf/cm2) (ASTM D412 (Die C))	5.80
Shear Strength (kgf/cm2) (ASTM D1002)	4.70
Water Vapor Transmission of Material i. WVT (g/hxm2)(23oC, 50%RH) - ASTM E96 ii. Permeance (g/sxm2xPa) – Method B	 37 1.98 x 10-5
Abrasive Test (g) – Taber CS-17, 1000g, 1000 Cycles (ASTM C501)	0.043
Puncture (kgf)	9
Compressive strength @ 28 days (n/mm2) (ASTM E154)	>40
Packaging	T-305THA: 10kg/pail T-305THB: 25kg/bag

RELATED PRODUCT:

Pentens® T-304 (18 kg/pail + 25 kg/bag)
- High Elastic Cementitious Waterproofing Coating

Pentens® T-305 (5 kg/pail + 25 kg/bag)
- Cementitious Waterproofing Coating