

DryTex CEMAR 800

ECO FRIENDLY ANTI ROOT SEAMLESS MEMBRANE

CEMAR 800 is an extremely advanced eco friendly urethane and butadiene polymerized liquid elastomeric membrane that contains root inhibiting additives. It adheres firmly to the surface forming a seamless durable fast drying waterproof and anti-root film preventing the penetration of roots. It is specially applicable for the waterproofing surfaces where root resistance is required like planters, and roof gardens. Designed for multi projects where Anti Root properties are required. Features excellent adhesion, the material dries to a tough seamless flexible membrane. It exhibits excellent elongation and recovery properties.

Uses

CEMAR 800 can be used:

- ▶ Terrace gardens, planters and roof gardens.
- ▶ Waterproofing underground garages and other structures which are covered with soil.
- ▶ Against ground humidity and leakage in foundations.
- ▶ Foundation piles, Retaining walls and Curtain walls.
- ▶ Galleries, drainage and water channels.
- ▶ Waterproofing surfaces where root resistance is required.

Benefits and Advantages

- ▶ Absolute waterproofing and High productivity
- ▶ Environmentally friendly, easy application and excellent adhesion
- ▶ High strength and elasticity
- ▶ No need of reinforcing fabric on most substrates
- ▶ Anti Root properties are tested in accordance to DIN 4062

General Instructions for all Applications

- ▶ DRYTEX CEMAR may be applied with airless spray, brush or roller.
- ▶ Surface must be sound stable with an even finish and free from dirt, dust, loose debris, oil and grease
- ▶ DT CEMAR may be applied to damp but not waterlogged surfaces
- ▶ New concrete can be waterproofed 48 hours after casting
- ▶ Where subsequent coats are to be applied, the first coat must be dry



engineered to perform

Technical Data

PROPERTIES	VALUES	STANDARD
Construction	Elastomeric	
Specific gravity	1.16	
Solid content	68%	
Spread rate	0.6L/sq.m/coat @500 micron	
Flash point	Non flammable	
Service temperature	-10°C to 80°C	
Application temperature	-5 °C to 60°C	
Heat stability	>90°C	ASTM D 2939
Cold flexibility	<-13°C	ASTM D 522
Low temp. flexibility and crack bridging	Pass, conduct@26°C	ASTM C 836
Tensile strength	>0.5 MPa	ASTM D 412
Elongation at break	>600%	ASTM D 412
Resistance to water pressure	>0.5 atm, 24hr	DIN 52123
Water Vapor Permeance	0.45 perms	ASTM E 96
Water Vapor transmission	2.0 m	SI 1731
Recovery	85%	ASTM D 412
Creep AT 80°C	No creep	DIN 52123
Resistance to water	Passes	ASTM D 2939
Bacterial attack in soil 30days 40°C	Passed	ASTM D 3083
Crack bridging	>5mm	SI 1731
Root Resistance	Passed	DIN 4062

All values are subject to $\pm 5-10\%$ tolerances

Storage and Safety

- Store under cover out of direct sunlight and protect from extreme of temperatures
- In tropical climate the product must be stored in temperature controlled area.
- Shelf life up to 12 months when stored as above
- For Safety detailed instructions, please refer to the MSDS

Application

- Make sure that all surfaces are sound, stable with an even finish and free from dust, loose debris, grease etc.
- Apply a first layer @500micron with airless spray, brush or roller using sufficient product to provide a uniform, solid coat
- Let it dry for 6 hrs and apply the second coat if necessary.
- Let it dry for 10hours before the installation of fabric filter or soil filling

Packing:

20 LITRE Packs are available as standard and can be customized on demand.

SAFETY & PRECAUTIONS: Although this is a safe to use product it is recommended that you follow good safety and hygiene practices. It is solvent free and contains no VOC's and is considered safe to use. Wearing of gloves is recommended and goggles against splashes. Good ventilation is recommended and avoid contact with skin, eyes and mouth. Refer to products Material Safety Data Sheet for full safety data.

