



ELASTOMERIC URETHANE-ASPHALT WATERPROOFING MEMBRANE

LG-1000 Vertical LG-1000 Self-Leveling

TechSeal waterproofing membrane is a black, single component cold applied urethane that can be applied to vertical or horizontal surfaces. LG-1000 is tack free in 12-18 hours and fully cured in 2-4 days. It cures to a rubbery membrane with excellent adhesion to concrete and masonry surfaces and is impervious to moisture. The cured membrane has expansion and contraction characteristics that make it an outstanding above or below grade waterproofing system.

Uses

Below grade on masonry and concrete surfaces
Above grade within cavity walls
Between slabs on parking decks
Concrete tanks
Exterior plywood
Sea walls, dams, reservoirs

Features

Waterproof concrete
Chemical resistant
Elastomeric
Wide service temperature range
Cold applied membrane
Seamless membrane

Product Specifications

Viscosity		
LG-1000 (V)	1200 – 1800 poise	Brookfield
LG-1000 (SL)	100 – 200 poise	Brookfield
Tensile Strength	150 p.s.i.	ASTM D 412
Elongation	600%	ASTM D 412
Moisture Vapor Permeability perm inches dry	.1	ASTM E 96
Crack Bridging Test	Passed 1/4"	ASTM C 836
Solids	84%	ASTM C 836
Coverage at 25 – 30 sq. ft/gallon	55 – 65 mils (wet)	45 – 55 mils (dry)

Application

Make sure substrate surface is clean and dry and air temperatures are between 40° F and 90° F. Avoid application when inclement weather is imminent.

Work material over irregular concrete and masonry surface to fill pinholes.

TechSeal LG1000 Vertical Grade, is sometimes used as an accessory to self-adhering rubberized asphalt sheet membrane waterproofing systems. If used for banding lap joints, LG1000 should be applied in a single coat approximately 60-100 wet mils to achieve a 4-6" band centered over the seam. If applied as a detailing membrane prior to covering with the sheet membrane waterproofing, apply LG1000 in one coat at approximately 60 mils and allow to cure a minimum of 48 hours prior to covering. If necessary, an accelerator can be added to LG1000 to reduce this wait time.

**Keep LG-1000 cool in hot weather, warm in cool weather by storing indoors.
Do Not Use Near Open Flame or Burner.**

Warranty

Important: while the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty express or implied that said information or data are correct or that the products described are merchandise or for a particular purpose, or that said information data products can used without infringing patents of third parties. TechSeal's sole warranty is that the product will meet the specifications at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase prices or replacement of any product shown to be other than as warranted

TechSeal
sealant & adhesive products

6466 150TH STREET • PRIOR LAKE, MN 55372

PLANT: 14355 STATE HWY 27 WEST, KENSINGTON, MN 56343

TEL 612 749 7881