

Deckseal

Transparent HDPE/Bentonite Sheet Membrane Waterproofing System

Product Description

Deckseal is a sheet waterproofing membrane consisting of 20 mils of transparent HDPE and expandable, granular bentonite. The composite weight of the material is up to 1.0 lb/ft², creating a dual waterproofing system.

Basic Uses

Deckseal is designed for use primarily on horizontal surfaces.

Features and Benefits

- Deckseal's unique, transparent HDPE layer allows for thermal and dimensional stability while the membrane is exposed during installation.
- The nature of the Deckseal waterproofing system also allows for installation over green or damp surfaces accelerating the construction process.
- The bentonite can expand up to 8 times its original thickness to stop water that may make it past the HDPE layer, providing a second layer of protection.

Availability

Deckseal is available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit www.tremcosealants.com.

Packaging

4' x 24' (1.2 M x 7.3 M) rolls

20 rolls/pallet

Storage

Protect from moisture. Store on a skid or pallet and cover with polyethylene or tarp. Do not double stack pallets. Prevent hydration of bentonite until the sheet is installed and under recommended compaction.

Limitations

- Deckseal product requires a minimum of 24 psf of compaction/confinement.
- This product is not to be installed over ponding or standing water or snow.
- If ground water is brackish, please contact your local Tremco Sales Representative four weeks prior to a pending application, and provide a water and/or soil sample for testing purposes in order to determine the correct bentonite formula for your project's application.
- If backfill contains substantial amounts of either lava rock, basalt or any other coarse or highly abrasive materials, a protection course or drainage mat may be required. Contact your local Tremco Sales Representative or Technical Service at 866-209-2404 for details.
- Deckseal is not for use in post-installation submerged conditions.

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Product proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION		
Color (Bentonite/HDPE)	Gray/Transparent		
Installation Temperatures	-25 to 130 °F (-31.7 to 54.4 °C)		
Freeze/Thaw Cycles	No effect before or after installation		
Resistance to Chemicals & Gases	Extremely high resistance. Contact Tremco for specific information.		
Life Expectancy	Indefinite		
PROPERTY	TEST METHOD	VALUES US	VALUES SI
Elongation	ASTM D412 Type 4 Dumbbell	500%	
Strength at Break	ASTM D412	4,000 lb/in ²	281.22 kg/cm ²
Strength at Break	ASTM D6693, Type IV	80 lb/in	14.28 kg/cm
Resistance to Micro-organisms (bacteria, fungi, mold, yeast)	ASTM D4068	Unaffected	
Index Puncture Resistance	ASTM D4833	36.67 lb/ft	54.57 kg/M
Hydrostatic Resistance (with Para JT™ Tape)	ASTM D5385	>100 psi (>231 ft/H ₂ O)	>68.9 N/cm ² >70.4 M/H ₂ O
Permeance	ASTM E96	0.029 US Perms	1.7 ng/Pa·s·m ²
Puncture Resistance (load)	ASTM E154	155 lbf (689.47 N)	689.47 N

All data based on 20-mil HDPE

0316/DSDS-BG

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