

Product Description

Paraseal® is a sheet waterproofing membrane consisting of 15 mils of 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

Paraseal is designed for use on backfilled walls. It may be used on damp or green concrete. Alternative versions of Paraseal are available for lagging, split slab, under slab and methane barrier conditions.

Features and Benefits

- The nature of the Paraseal 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

Paraseal is immediately 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

- Paraseal products require a minimum of 24 psf of compaction/confinement.
- Paraseal 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.
- Paraseal 15 mil HDPE 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.

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | DESCRIPTION |
|---------------------------------|---|
| Color (Bentonite/HDPE) | Gray/Black |
| 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 | 3,915 lb/in ² | 275.25 kg/cm ² |
| Strength at Break | ASTM D6693, Type IV | 59 lb/in | 10.53 kg/cm |
| Resistance to Micro-organisms (bacteria, fungi, mold, yeast) | ASTM D4068 | Unaffected | |
| Index Puncture Resistance | ASTM D4833 | 26.97 lb/ft | 40.13 kg/M |
| Resistance to Hydrostatic Head Pressure | ASTM D5385 | 231' of H ₂ O | |
| Hydrostatic Resistance (with perm seam 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 | 112 lbf | 498.2 N |

All data based on 15-mil HDPE

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