



TECHNICAL DATA SHEET

TREMCO® 10-MIL "CLASS A" VAPOR BARRIER

10-Mil Reinforced Class A Vapor Barrier

PRODUCT DESCRIPTION

Tremco® 10-Mil "Class A" Vapor Barrier is a reinforced polyethylene-based vapor barrier designed to prevent moisture vapor drive and reduce harmful radon and methane gas from migrating through concrete slabs-on-grade.

BASIC USES

Tremco 10-Mil "Class A" Vapor Barrier is used to halt the passage of water vapor through the concrete slab. The 10-Mil vapor barrier controls the presence of condensation, mold and mildew to protect the building's interior. This vapor barrier is approved for use in the Vaporlock-m system for the mitigation of radon and methane gas.

AVAILABILITY

Available from your local Tremco Sales Representative and/or Tremco Distributor. For distributor locations and sales contacts visit www.tremcosealants.com.

PACKAGING

2400 ft² rolls (12 ft x 200 ft) — 98 lb per roll

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Thickness		10-mil
Classification	ASTM E1745	Exceeds Class, A,B,C
Puncture Resistance	ASTM 1709	15,839 g (max weight)
Puncture Resistance	ASTM E145	91.59 kg
Puncture Resistance	ASTM D5602	76 lb
Tensile Strength	ASTM E154	136 lbf/in
Elongation	ASTM E154	21.6%
Tear Strength	ASTM D751	57 lb
Mullen Burst Strength	ASTM D751	318 lb
Operating Temperature Range		70°F to 180°F
Water Vapor Permeance	ASTM E96/ 154 sec. 7	0.0016 perms
Water Vapor Transmission Rate	ASTM E96/ 154 sec. 7	0.0006 grains (ft ² -hr)
Chemical Resistance	ASTM D154	Unaffected
Life Expectancy	ASTM E154	Indefinite
Radon Diffusion Coefficient	K/124/021/95	11 x 10 ⁻¹² M ² /S

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.

T10MVB-DS/0223

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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Construction Products Group

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