



Available in White, Tan, Brown and Grey

TRUE ROOF'S PVC Roofing Membrane provides the time tested benefit of TRUE ROOF PVC Roofing Formulation with the added benefit of ClimaShield top finish. These components provide industry leading toughness with maximum UV, moisture, and chemical resistance. Reinforced with a 9x9 1000-denier woven polyester scrim, TRUE ROOF PVC provides superior durability and versatility for various roofing applications and functions. This purpose-built UV and chemical resistant formula, allows for specification of TRUE ROOF PVC in harsh environments as compared to the general single-ply market. Contact your sales representative with project specific chemical reagents.

TYPICAL PHYSICAL PROPERTIES*

Property	Test Method	Requirement per ASTM D 4434-12, Type III	50 mil	60 mil	80 mil
Thickness over scrim, in	Optical	.016	.018	.023	.033
Breaking Strength, lbf	D 751, A Grab Method	MD 200 XMD 200	MD 332 XMD 256	MD 371 XMD 308	MD 408 XMD 388
Elongation @ break, %	D 751, A Grab Method	MD 15 ^A XMD 15 ^A	MD 34 XMD 29	MD 34 XMD 29	MD 34 XMD 29
Seam Strength	D 751, A Grab Method	75%	Pass	Pass	Pass

RETENTION OF PROPERTIES AFTER HEAT AGING D 3045, 176°F for 56 days ± 1h

Breaking Strength, % of original	D 751, A Grab Method	90%	Pass	Pass	Pass
Elongation, % of original	D 751, A Grab Method	90%	Pass	Pass	Pass
Tearing Strength, lbf	D 751 B-TongueTear Method, 8" x 8"	45	54 68	58 72	62 78
Low temperature bend	D 2136	-40°F	Pass	Pass	Pass

ACCELERATED WEATHERING Practice G154 5000 hrs

Cracking	7X magnification	None	None	None	None
Crazing	7X magnification	None	None	None	None
Linear dimensional change, %	D 1204, 176°F for 6h	MD ± 0.5 XMD ± 0.5	-0.30 0.02	-0.30 0.02	-0.30 0.02
Change in weight after immersion in water	D 570, 158 ± 2°F for 168 ± 1h	± 3.0	1.1	1.0	0.9
Static puncture resistance	D 5602, 33 lbf @ 73°F ± 2°F	Pass	Pass	Pass	Pass
Dynamic Puncture Resistance	D 5635, 20J @ 73°F ± 2°F	Pass	Pass	Pass	Pass

SOLAR REFLECTANCE / THERMAL EMITTANCE / CALCULATED SRI VALUES

Membrane Color	Solar Reflectance	Thermal Emittance	SRI Value Initial	SRI Value 3-Year Aged	LRV
White	0.870	0.88	110	91	94.3
Tan	0.366	0.87	39	n/a	30.2
Brown	0.079	0.87	2	n/a	7.2
Gray	0.163	0.88	13	n/a	18.1



*This information contains typical physical properties and characteristics based on actual test specimen data. It is intended as a guide for roofing material selection and usage only.

The table presents typical properties of TRUE SEAL™ PVC membranes. Requirements are taken from ASTM D4434-12.

^A For reinforcing fabric only, elongation of PVC material shall be 250% MD and 220% XMD.