

Technical Bulletin #173
Water Vapor Permeance of
Pecora Waterproofing Sealants & Coatings
Per ASTM E96 (Procedure B – Water Method)

Pecora Product	Water Vapor Permeance		
	Coatings @ 12 dry mils ¹	Coatings/Sealants @ Designated Dry Thickness ²	
		Thickness, inches	Perms
Joint Sealants			
SILICONE			
300SL	8.4	0.50	0.20
301NS	8.6	0.50	0.20
860	11.0	0.50	0.25
864NST	5.6	0.50	0.13
890NST	7.3	0.50	0.18
890FTS	8.3	0.50	0.20
895NST	7.6	0.50	0.18
896-610 Clear	12.1	0.50	0.29
896 (filled)	8.2	0.50	0.20
896TBS	12.2	0.50	0.29
896HIS	9.0	0.50	0.22
POLYURETHANE			
Dynatrol II	15.9	0.50	0.38
Dynatred	15.9	0.50	0.38
Dynaflex	9.9	0.50	0.24
STPU (HYBRID)			
Dynaflex SC	9.9	0.50	0.24
NR201	8.8	0.50	0.21
POLYSULFIDE			
GC2+	13.4	0.50	0.32
ACRYLIC LATEX			
AC20+ Silicone	14.7	0.50	0.35
AC20FTR	14.7	0.50	0.35
AIS-919 (Gun Grade)	14.7	0.50	0.35
AIS-919 (Spray Grade)	14.7	0.25	0.70
Tiltseal	9.8	0.50	0.24
AVW920	9.8	0.50	0.24
Preformed Profiles			
SILICONE			
Sil-Span	N/A	0.07	1.50
XL-Span	N/A		
Self-Adhered Flashing Membrane			
BUTYL			
Pecora XL-Wrap TWF	N/A	0.045	0.05

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		Thickness, inches	Perms
Coatings			
ACRYLIC LATEX			
WeatherClad	11.40	0.250	0.55
POLYURETHANE			
Pecora Deck 802 Base	0.28	0.024	0.15
Pecora Deck 804 Intermediate	0.24	0.012	0.24
Pecora Deck 806 Top	0.22	0.011	0.22
Pecora Deck 802FC Base	0.25	0.023	0.18

¹ All ASTM E96 (Procedure B - Water Method) testing was conducted at a sealant/coating thickness of 12 dry mils unless indicated otherwise.

² Coatings/Sealants@ Designated Dry Thickness is theoretical and was based on experimental results obtained @ 12 dry mils.

³ Perm rating subject to change based upon color selection (i.e. 012 Black, 336 White, etc.).