

## 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 <sup>1</sup>	Coatings/Sealants @ Designated Dry Thickness <sup>2</sup>		
		Thickness, inches	Perms	
<b>Joint Sealants</b>				
<b>SILICONE</b>				
300SL	8.4	0.50	0.20	
301NS	8.6	0.50	0.20	
310SL	9.3	0.50	0.22	
311NS	8.2	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	
895NST	7.6	0.50	0.18	
890FTS	8.3	0.50	0.20	
896-610 Clear	12.1	0.50	0.29	
896 (filled)	8.2	0.50	0.20	
896SSL				
896TBS	12.2	0.50	0.29	
896TBS-SSL				
896HIS	9.0	0.50	0.22	
1215				
898				
985				
<b>POLYURETHANE</b>				
Dynatrol I-XL <sup>3</sup>	012,336,515,039,595,046	7.4	0.50	0.17
	516,804,545,595,314	11.8	0.50	0.28
Dynatrol II	15.9	0.50	0.38	
Dynatrol II-SG				
Dynatred	15.9	0.50	0.38	
Dynaflex	9.9	0.50	0.24	
NR200				
NR300				
<b>STPU (Hybrid)</b>				
Dynaflex SC	9.9	0.50	0.24	
NR201	8.8	0.50	0.21	
Dynatrol I-XL-345 Tru-White	6.1	0.50	0.15	
<b>POLYSULFIDE</b>				
GC2+				



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		Thickness, inches	Perms
<b>Joint Sealants (cont.)</b>			
<b>ACRYLIC LATEX</b>			
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
<b>Preformed Profiles</b>			
<b>SILICONE</b>			
Silspan	N/A	0.07	1.5
<b>POLYURETHANE</b>			
Dynaspan	N/A		
<b>Coatings</b>			
<b>SILICONE</b>			
R20	8.7	0.022	4.7
R30	8.1	0.022	4.4
<b>ACRYLIC LATEX</b>			
WeatherClad	11.4	0.25	0.55
<b>POLYURETHANE</b>			
Pecora Deck 802 Base	.28	.024	.15
Pecora Deck 804 Intermediate	.24	.012	.24
Pecora Deck 806 Top	.22	.011	.22
Pecora Deck 802FC Base	.25	.023	.18
Pecora Deck 804FC Intermediate	.26	.014	.25
Pecora Deck 806FC Top	.29	.013	.28

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

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

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

