



Pecora WeatherClad Adhesion to Pecora Sealants

Technical Bulletin # 93

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The Technical Service Group has evaluated the adhesion of Pecora Weatherclad Elastomeric Wall Coating to the following Pecora Sealants:

Pecora AC-20
AVW-920 Acrylic Latex
Dynatrol I XL Tru-White
Dynatrol I Urethane
Dynatrol-II Urethane

Pecora Coating Adhesion Test

Procedure:

- 1) Sealant set up and cured for 21 days as tensile adhesion sample on Pecora spec. aluminum.
- 2) WeatherClad applied after 21 day cure. WeatherClad allowed minimum 7 day RT cure.
- 3) All samples cycled at +/- 25% movement and +/-50% movement for 500 cycles @ RT. Observations recorded.
- 4) Sealant samples were then removed from aluminum substrate and manually pulled to approximately 500% elongation. Observations of coating behavior was recorded.

Results:

Sealant Batch Codes: AC-20- N/A AVW-920-345-2710
D-I-345-2710 D-I-516-1800
D-II – A-3070, B-3080-2

Sealant:	AC-20 acrylic latex
Coating:	Pecora Weatherclad Elastomeric Wall Coating
+/- 25%	No visible cracking or peeling
+/- 50%	No visible cracking or peeling
500% extension	No visible cracking or peeling



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Sealant:	AVW-920 acrylic latex
Coating:	Pecora Weatherclad Elastomeric Wall Coating
+/- 25%	No visible cracking or peeling
+/- 50%	No visible cracking or peeling
500% extension	No visible cracking or peeling
Sealant:	Dynatrol I XL Tru-White
Coating:	Pecora Weatherclad Elastomeric Wall Coating
+/- 25%	No visible cracking or peeling
+/- 50%	No visible cracking or peeling
500% extension	No visible cracking or peeling
Sealant:	Dynatrol-I-516 urethane
Coating:	Pecora Weatherclad Elastomeric Wall Coating
+/- 25%	No visible cracking or peeling
+/- 50%	No visible cracking or peeling
500% extension	No visible cracking or peeling
Sealant:	Dynatrol-II urethane
Coating:	Pecora Weatherclad Elastomeric Wall Coating
+/- 25%	No visible cracking or peeling
+/- 50%	No visible cracking or peeling
500% extension	No visible cracking or peeling

Conclusion:

Pecora WeatherClad elastomeric wall coating exhibited good adhesion to all sealants tested when subjected to 500 cycles of moderate to severe movement at standard laboratory conditions of 75°F and 50% RH. When sealant was subjected to extreme movement of 500% extension all sealant performed well.

Laboratory testing is conducted under controlled conditions, which does not necessarily reflect performance properties under field application and service conditions.