



TEST REPORT

January, 2019

SUBJECT: Conformance of **PECORA AIS-919** to ASTM C-834.

SUMMARY: **PECORA AIS-919**, One-part, Non-Sag, was tested in accordance with ASTM C-834. The **AIS-919** passed or exceeded all of the requirements of the specification.

<u>TEST</u>	<u>REQUIREMENT</u>	<u>ASTM METHOD</u>	<u>RESULTS</u>
Extrudability	2 g/s minimum	C 731	9.8 g/s
Artificial Weathering:		C 732	
Wash-out	None, after weathering		None
Slump	None, after weathering		None
Cracking	None, after weathering		None
Discoloration	As acceptable to purchaser		None
Adhesion loss	25% maximum	1.0%	
Volume Shrinkage	30% maximum	C 733	21.9%
Low-Temperature Flexibility	No cracking through to substrate or adhesion loss	C 734	Pass
Recovery	75% maximum (average of all specimens)	C 736	90%
Adhesion loss	25% maximum (average of all specimens)	C 736	<1.0%
Slump	4mm (0.15 in.) maximum (on each specimen)	D2202A	None
Stain Index	3 maximum	D2203	1.1
Tack-free time	No material adhering to plastic strip	D2377B	Pass

Pecora R & D, QC, and Technical Service laboratories operate under guidelines set forth under ASTM C-1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualifications to perform the testing reported above.

Pecora Test Report

ASTM C1184 Standard Specification for Structural Silicone Sealants

Tensile Adhesion Properties of Structural Sealants

Test Method: ASTM C1135

Test Date: 11/2018

Sealant tested: 895NST-012 Black
Cleaning Solution: Isopropyl Alcohol
Cure Period: 21 days

Substrate: Anodized Aluminum
Cure Conditions: 75°F / 50%RH
Test Conditions: 5000hrs @ 75°F / 50%RH

Specimen #	Comments	Tensile Load/Stress at Elongation				Ultimate Tensile Load/Stress, psi	Ultimate Elongation, %	Cohesive Failure, %	Length, in.	Edge Bite, in.	Actual Area, in. ²
		10%	25%	50%	100%						
1	None	14.0	62.2	86.6	96.7	108.2	184.9	100.0	1.0	0.5	1.0
2	None	10.9	60.1	85.5	95.2	102.9	160.5	100.0	1.0	0.5	1.0
3	None	16.5	63.9	88.1	98.0	116.7	215.9	100.0	1.0	0.5	1.0
Average		13.8	62.1	86.7	96.6	109.3	187.1	100.0			

Sealant tested: 895NST-012 Black
Cleaning Solution: Isopropyl Alcohol
Cure Period: 21 days

Substrate: Anodized Aluminum
Cure Conditions: 75°F / 50%RH
Test Conditions: 5000hrs Weathering (QUV Exposure)

Specimen #	Comments	Tensile Load/Stress at Elongation				Ultimate Tensile Load/Stress, psi	Ultimate Elongation, %	Cohesive Failure, %	Length, in.	Edge Bite, in.	Actual Area, in. ²
		10%	25%	50%	100%						
1	None	15.3	60.0	81.8	91.0	109.4	213.1	100.0	1.0	0.5	1.0
2	None	16.6	59.5	81.6	91.0	114.9	233.1	100.0	1.0	0.5	1.0
3	None	14.1	60.1	81.0	90.3	112.6	230.1	100.0	1.0	0.5	1.0
Average		15.3	59.9	81.5	90.8	112.3	225.4	100.0			



Pecora Test Report cont.
ASTM C1184 Standard Specification for Structural Silicone Sealants

Property	Requirement	Result	Test Method
Rheological, max.			C639
Vertical	3/16"	0"	
Horizontal	No deformation	None	
Extrudability, max	10s	8s	C603
Hardness, Shore A	20 – 60	30	C661
Heat Aging			C792
Weight loss, max	10%	7.5%	
Cracking	None	None	
Chalking	None	None	
Tack Free Time, max.	No transfer in 3hr.	30 minutes	C679
Shelf Life, min.	6 months	12 months	C1184
Color	As specified	Black	C1184

Note: Pecora R&D, QC and Technical Service laboratories perform processes under guidelines set forth under ASTM C1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualifications to perform the test methods reported above.

1/2014



STANDARD COLOR GUIDE

Custom colors available upon request.

Color Packs for Standard and Non- Standard Colors are sold in 5 unit increments.

This guide offers a representation of color; when matching is critical, a cured or applied color sample is highly recommended.

PECORA CORPORATION

165 Wambold Road
Harleysville, PA 19438

800.523.6688

pecora.com

Dynatrol™ II | Dynaflex | Dynatred™

2-PART URETHANE

BRITE WHITE	CF26	TAN	545
TRU-WHITE	345	BUFF	512
OFF-WHITE	516	COLONIAL TAN	CF13
DOVER SKY	CF14	MOCHA CREAM	CF34
ANODIZED ALUMINUM	804	TOASTED ALMOND	CF54
BRUSHED PEWTER	CF42	NATURAL STONE	565
ALUMINUM STONE	515	DESERT TAN	530
STONE GREY	CF53	ADOBE ACCENT	CF10
LONDON FOG	CF44	REDWOOD TAN	CF43
DARK GRAY	048	BRICK RED	CF16
LIMESTONE	039	TILE RED	CF22
PUTTY GREY	CF20	RED ROCK	955
PEARL ASH	CF11	RIVER ROUGE	CF37
VAN DYKE	CF18	SIERRA TAN	CF47
NATURAL WHITE	CF33	ROSE	CF05
SANDSTONE	951	TEXAS PINK	CF48
DESERT SUN	CF41	SMOKY BROWN	CF45
EGGSHELL CREAM	CF04	BRONZE	314
MANOR WHITE	CF08	CHARCOAL GRAY	950
PRECAST	113	CHOCOLATE	CF49
AMARILLO WHITE	CF02	CLASSIC BRONZE	046
ALMOND	792	GRANITE GREY	CF30
BEIGE	595	BLACK	012
PRAIRIE CLAY	CF07	PATRIOT BLUE	CF01
SANDALWOOD BEIGE	CF09	EVERGREEN	CF03
BEIGE GREY	525		

All 51 Colors available for use with Dynapoxy™.

STANDARD COLOR GUIDE

Custom colors available upon request.

Minimum order quantity for non-standard colors:
200 Gallons

This guide offers a representation of color; when matching is critical, a cured or applied color sample is highly recommended.

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PECORA SECURITY SYSTEMS

Dynaflex SC

SILYL TERMINATED POLYURETHANE (STPU)

TRU-WHITE

345

LIMESTONE

039

Dynapoxy™ EP-1200

2-Part Epoxy

Dynatrol™ II

2-Part Urethane

Dynaflex

2-Part Urethane

Dynapoxy™ EP-1200, Dynatrol™ II, and Dynaflex can be used with the 51 standard colors represented on the reverse side of this card. Custom colors available upon request.

COVERAGE CHART (231 cu. in./gal.)

Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon	Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon	Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon
1/8 x 1/8	1,232.0	1/4 x 3/4	102.7	1/2 x 7/8	44.0
1/8 x 1/4	616.0	1/4 x 7/8	88.0	1/2 x 1	38.5
1/8 x 3/8	410.7	1/4 x 1	77.0	5/8 x 5/8	49.3
1/8 x 1/2	308.0	3/8 x 3/8	136.9	5/8 x 3/4	41.1
1/8 x 5/8	246.4	3/8 x 1/2	102.7	5/8 x 7/8	35.2
1/8 x 3/4	205.3	3/8 x 5/8	82.1	5/8 x 1	30.8
1/8 x 7/8	176.0	3/8 x 3/4	68.4	3/4 x 3/4	34.2
1/8 x 1	154.0	3/8 x 7/8	58.7	3/4 x 7/8	29.3
1/4 x 1/4	308.0	3/8 x 1	51.3	3/4 x 1	25.7
1/4 x 3/8	205.0	1/2 x 1/2	77.0	7/8 x 7/8	25.1
1/4 x 1/2	154.0	1/2 x 5/8	61.6	7/8 x 1	22.0
1/4 x 5/8	123.2	1/2 x 3/4	51.3	1 x 1	19.3

Joint Depth (in.) x Width (in.) x Length (in.) x 0.053 = Gallons Required