



Green Building Certification Data

MasterFormat Designation: 07 92 00 – Joint Sealants

June 27, 2017

RE: Pecora AIS-919 Acoustical and Insulation Latex Sealant

Pecora Corporation hereby declares the following information for Pecora AIS-919:

LEED® v4 and LEED® 2009:

MR Credit Building Product Disclosure and Optimization—Sourcing of Raw Materials, Option 2 (*MR Credit 4.1 and 4.2, Recycled Content): For the purposes of the LEED Rating System Pecora AIS-919 contains 0% recycled content.

MR Credit Building Product Disclosure and Optimization—Sourcing of Raw Materials, Options 1 and 2 (*MR Credit 5.1 and 5.2, Regional Materials): Pecora AIS-919 is manufactured in Harleysville, PA 19438. Due to the complexity of its raw material supply chain, the point source of Pecora AIS-919's material ingredients cannot be determined.

EQ Credit Low-Emitting Materials, Options 1 and 2 (*IEQ Credit 4.1, Low-Emitting Materials—Adhesives & Sealants):

VOC Content: Pecora AIS-919 contains 31 g/L volatile organic compound (VOC) content, well below the 250 g/L VOC content limit for architectural sealants set by South Coast Air Quality Management District (SCAQMD) Rule 1168 (effective 7/1/2005).

VOC Emissions (LEED v4 and LEED 2009 for Schools): Pecora AIS-919 has been tested and meets the interior air quality (IAQ) emissions requirements for the classroom, private office, and new single-family residential scenarios of CDPH Standard Method v1.1-2010 (California Specification 01350). After 14 days (336 hours), the total VOC was <2 µg (0.002 mg)/m³, well within the lowest of three prescribed TVOC ranges.

* LEED 2009 credits and options (June 30, 2021 sunset date)

Green Globes for New Construction

Criterion 3.7.2.1 Volatile Organic Compounds: Pecora AIS-919 contains 31 g/L volatile organic compound (VOC) content, well below the 250 g/L VOC content limit for architectural sealants set by South Coast Air Quality Management District (SCAQMD) Rule 1168 (effective 7/1/2005).

Living Building ChallengeSM 3.0

Imperative 08 Healthy Interior Environment: Pecora AIS-919 has been tested and meets the interior air quality (IAQ) emissions requirements for the classroom, private office, and new single family residential scenarios of CDPH Standard Method v1.1-2010 (California Specification 01350). When tested, after 14 days (336 hours), the total VOCs was <2 µg (0.002 mg)/m³.

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Living Building ChallengeSM 3.0 (continued)

Imperative 10 Red List: None of the chemicals listed on the “Living Building Challenge 3.0 Chemical Red List” are used in the manufacture of Pecora *AIS-919*. Based on Pecora’s current knowledge of its raw materials and manufacturing processes, there is no reason to expect the listed chemicals would be present in Pecora *AIS-919* as supplied, except as a possible trace impurity.

Should you require additional information, please contact the Technical Services Department at 1-800-523-6688 or techservices@pecora.com.

Sincerely,

A handwritten signature in black ink that reads 'Steven T. Lawrey'.

Steven T. Lawrey AIA, CSI, CCPR, CCS, CCCA, LEED® AP
Building Science Engineer
Pecora Corporation

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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