

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	FIBER ASPHALT SEALANT 540	2250.0000	LB		

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: no bid

Extended Description:

FIBER ASPHALT SEALANT 540

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	FIBER ASPHALT SEALANT 540 (FULL TRUCK LOAD)	45000.000	LB		

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: no bid

Extended Description:

FIBER ASPHALT SEALANT 540 (FULL TRUCK LOAD)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Rent Machine to use Fiber ASPHALT SEALANT 540	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
22101627			

Commodity Line Comments: no bid

Extended Description:

Rent Machine to use Fiber ASPHALT SEALANT 540

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	HP CONCRETE COLD PATCH	56.00000	BAG		

Comm Code	Manufacturer	Specification	Model #
30111500			

Commodity Line Comments: no bid

Extended Description:

HP CONCRETE COLD PATCH

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	HP CONCRETE COLD PATCH (FULL TRUCK LOAD)	896.00000	BAG		

Comm Code	Manufacturer	Specification	Model #
30111500			

Commodity Line Comments: no bid

Extended Description:

HP CONCRETE COLD PATCH (FULL TRUCK LOAD)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	MATRIX 501 MASTIC	2400.0000	LB		

Comm Code	Manufacturer	Specification	Model #
30121715			

Commodity Line Comments: no bid

Extended Description:

MATRIX 501 MASTIC

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	MATRIX 501 MASTIC (Full Truck Load)	45000.000	LB		

Comm Code	Manufacturer	Specification	Model #
30121715			

Commodity Line Comments: no bid

Extended Description:

MATRIX 501 MASTIC (Full Truck Load)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	Rent Machine to use MATRIX 501 MASTIC	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
22101627			

Commodity Line Comments: no bid

Extended Description:

Rent Machine to use MATRIX 501 MASTIC

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	TECHCRETE - R	2700.0000	LB	1.250000	3375.00

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: Fibrecrete G from FPT Infrastructure

Extended Description:

TECHCRETE - R

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	TECHCRETE - R (FULL TRUCK LOAD)	45000.000	LB	1.100000	49500.00

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: Fibrecrete G from FPT Infrastructure

Extended Description:

TECHCRETE - R (FULL TRUCK LOAD)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	Rent Machine to use TECHCRETE - R	1.00000	EA	10000.000000	10000.00

Comm Code	Manufacturer	Specification	Model #
22101627			

Commodity Line Comments: monthly rental rate for mastic kettle

Extended Description:

Rent Machine to use TECHCRETE - R

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	TechCrete Primer 5 Gal. Bucket	1.00000	EA	240.000000	240.00

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: Primer CP for Fibrecrete G from FPT Infrastructure

Extended Description:

TechCrete Primer 5 Gal. Bucket

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	Detack 5 Gallon Bucket	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: no bid

Extended Description:

Detack 5 Gallon Bucket

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	RoadSaver 515	2250.0000	LB	1.950000	4387.50

Comm Code	Manufacturer	Specification	Model #
30111902			

Commodity Line Comments: Greyseal 6690 GREY crack sealant from FPT Infrastructure

Extended Description:

RoadSaver 515

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
15	RoadSaver 515 (Full Truck Load)	45000.000	LB	1.850000	83250.00

Comm Code	Manufacturer	Specification	Model #
30111902			

Commodity Line Comments: Greyseal 6690 GREY crack seal from FPT Infrastructure

Extended Description:

RoadSaver 515 (Full Truck Load)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
16	Rent Machine to use RoadSaver 515	1.00000	EA	10000.000000	10000.00

Comm Code	Manufacturer	Specification	Model #
22101627			

Commodity Line Comments: Crack Seal Kettle monthly rental rate GREY MATERIAL ONLY MAY BE USED

Extended Description:

Rent Machine to use RoadSaver 515

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
17	Mastic One	2400.0000	LB	0.640000	1536.00

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: SAMIscreed from FPT Infrastructure

Extended Description:

Mastic One

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
18	Mastic One (Full Truck Load)	43200.000	LB	0.590000	25488.00

Comm Code	Manufacturer	Specification	Model #
31201700			

Commodity Line Comments: SAMIscreed from FPT Infrastructure

Extended Description:

Mastic One (Full Truck Load)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
19	Rent Machine to use Mastic One	1.00000	EA	10000.000000	10000.00

Comm Code	Manufacturer	Specification	Model #
22101627			

Commodity Line Comments: monthly rental rates

Extended Description:

Rent Machine to use Mastic One

Fibrecrete G

Flexible Concrete Repair Compound

Product Description

Fibrecrete G is a hot-applied, synthetic polymer-modified resin compound containing mineral fillers, chopped fibers, and graded aggregates. It is designed to replace traditional cementitious pavement repairs, which are prone to failure due to their stiffness. Fibrecrete G meets all requirements of ASTM D8260-20.

Basic Uses

Fibrecrete G is a flexible repair for joints, large cracks, spalls, and pot holes in asphalt and concrete.

Features and Benefits

- Load transferring repair with superior tensile strength and flexibility.
- Accommodates limited joint/crack movement due to thermal expansion and contraction, and vibratory movements.
- Resistant to water intrusion and broad range of salts, bases and organic materials.
- Long term repair solution for concrete structures.
- Cures at low temperatures.

Physical Properties*

Property	Test Method	Value
Color		Grey
Mastic Resilience	ASTM D8260	50% minimum
Effects of Rapid Deformation	ASTM D8260	No cracking, chipping, or separation, 8 N-m, -7 °C
Crack Bridging	ASTM D8260	3 cycles, -7 °C
Mastic Stability	ASTM D8260	40.0 mm maximum @ 70°C
Recommended Application Temperature		300 – 380 °F
Specific Gravity		1.8 – 2.0

* The values shown are based on system testing under laboratory conditions. Different field application conditions or lab equipment configurations may result in system value variances.

Packaging

- 50 pound meltable bag
- Average Consumption Rate: 100 lb/cf with bulking stone, 115 lb/cf without bulking stone.

Health and Safety

See SDS for complete safety precautions prior to use. Use HSE-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. For professional use only.

Installation

Site Preparation

The joint or crack shall be milled with an approved milling machine to the specified width and depth. The pot hole or spall shall be milled, saw cut and jack hammered, or cored and jack hammered to remove the defective areas. The repair surfaces are cleaned and dried with a hot air lance. The recessed area and vertical walls are treated with a primer agent to promote adhesion and prevent moisture intrusion (for concrete applications only).

Application

Application of the Fibrecrete G material shall be by factory trained and certified installation professionals.

Fibrecrete G material is heated in a thermostatically controlled, purpose-built mixer, having a horizontal agitator that ensures complete mixing. Once the material reaches approximately 300 to 320 °F (149 to 160 °C), pour molten Fibrecrete G into the prepared area, sealing the bottom of the repair from water intrusion.

FIBRECRETE G
Flexible Concrete Repair Compound

Installation - continued

If the depth of the repair exceeds one inch, the remainder of the repair process will consist of layering coarse, hot angular aggregate (cleaned and dried) at a rate of 25% - 55% by volume with the molten Fibrecrete G until within 3/4" of the top of the repair. The bulking aggregate must be worked into the patch completely. Depth limitations are 3/4" to full depth. NO DRY LAYERS OF BULKING AGGREGATE WILL BE ALLOWED.

The final 3/4" of the repair will be Fibrecrete G material for optimum flexibility of the repair. Once the top layer has been screeded to a level grade, a high PSV aggregate will be applied to the top of the repair to ensure proper skid resistance. Depending on the depth of the repair, Fibrecrete G will be ready for traffic return between 30 and 60 minutes.

All removed materials and residual repair materials will be recovered and disposed of away from the site according to the client's specifications. All Federal, State and OSHA safety requirements must be followed during installation.

Limitations/ Shelf Life

Two (2) years when stored in a dry place in original, closed packaging. Optimal storage temperature: 60 to 70 °F (15 to 20 °C).

Warranty

FPT Infrastructure warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, FPT Infrastructure makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to FPT Infrastructure Products. FPT Infrastructure's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of FPT Infrastructure Products proven to be defective, and FPT Infrastructure shall not be liable for any loss or damage.

Please refer to our website at fptinfrastructure.com for the most up-to-date Product Data Sheets.

NOTE: All FPT Infrastructure Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

Greyseal 6690

Hot-applied Grey Joint & Crack Sealant

Product Description

Greyseal 6690 is a hot-applied, single component sealant used to fill joints and cracks in Portland cement concrete pavements and highly oxidized asphalt pavements. It is tested to and passes ASTM D6690 Type I and II standards. Greyseal 6690 is supplied in 30-pound units in meltable bags.

Applications

When applied properly, Greyseal 6690 will form a flexible water-tight seal in cracks and joints in the PCC pavement.

- Bridge decks
- Vehicular and pedestrian concrete pavements
- Airfield pavements
- Parking lots and structures

Features and Benefits

- Cohesive bond to concrete and asphalt
- Flexible
- UV and water resistant
- Self-leveling for easy and efficient application by flush fill or overband method

Physical Properties*

Property	Test Method	Value
Color		Grey
Cone Penetration	ASTM D6690 Type I and II	90 maximum - PASS
Flow	ASTM D6690 Type I and II	3 mm maximum - PASS
Softening Point	ASTM D6690 Type I and II	176 °F (80 °C) minimum - PASS
Resilience	ASTM D6690 Type II	60% minimum
Bond -1 °F (-18 °C), 50% extension	ASTM D6690 Type I	Pass 5 cycles
Bond, -20 °F (-29 °C), 50% extension	ASTM D6690 Type II	Pass 3 cycles
Minimum Application Temperature		380 °F
Maximum Heating Temperature		400 °F

* The values shown are based on system testing under laboratory conditions. Different field application conditions or lab equipment configurations may result in system value variances.

Packaging & Yield

- 30 pound meltable bag; 60 bags per pallet
- Coverage per 30 lbs: .263 cubic feet
- Consumption rate: 1 cubic foot requires 114 lbs
- Melted material: 14.8 lbs per gallon

Health and Safety

See SDS for complete safety precautions prior to use. Use HSE-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. For professional use only.

Installation

Before using, please read the MSDS and follow installation instructions. Greyseal 6690 must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle capable of constant material agitation. Place material, including meltable packaging, in melter. Apply to joints and cracks per application method specified on project.

Limitations/ Shelf Life

Two (2) years when stored in a dry place in original, closed packaging. Optimal storage temperature: 60 to 70 °F (15 to 20 °C).

GREYSEAL 6690

Hot-applied Grey Joint & Crack Sealant

Warranty

FPT Infrastructure warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, FPT Infrastructure makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to FPT Infrastructure Products. FPT Infrastructure's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of FPT Infrastructure Products proven to be defective, and FPT Infrastructure shall not be liable for any loss or damage.

Please refer to our website at fptinfrastructure.com for the most up-to-date Product Data Sheets.

NOTE: All FPT Infrastructure Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

SAMIscreed

Asphalt Repair Mastic

Product Description

SAMIscreed is a hot-applied, polymer-modified mastic asphalt binder; factory-blended with graded fillers, steel fibers, granite aggregates and recycled tire rubber. It is designed to replace traditional hot pour crack sealants which lack structural strength and other more rigid patches like cold patch or hot mix that are prone to failure due to their stiffness or poor quality. When specifications limit aggregate to 1/8", SAMIscreed 18 is used. SAMIscreed meets all requirements of ASTM D8260 Type I and Type II hot-applied asphalt aggregate-filled mastic.

Basic Uses

SAMIscreed is a flexible asphalt mastic repair for cold joints, overlaid joints, large cracks, spalls, and pot holes in asphalt.

Features and Benefits

- Load transferring repair with superior tensile strength and flexibility.
- Accommodates limited joint/crack movement due to thermal expansion and contraction, and vibratory movements.
- Flexible, enduring, skid-resistant finish.
- Resistant to water intrusion and broad range of salts, bases and organic materials.
- Year round application with no temperature limitations.
- Extends the service life of asphalt.
- Rapid cure allows repairs to be open to traffic within 30 minutes.

Physical Properties*

Property	Value
Color	Black
Mastic Resilience	50% minimum
Effects of Rapid Deformation	No cracking, chipping, or separation, 8 N-m, -7 °C No cracking, chipping, or separation, 8 N-m, -18 °C
Crack Bridging	3 cycles, -7 °C 3 cycles, -18 °C
Mastic Stability	40.0 mm maximum @ 70°C 40.0 mm maximum @ 60°C
Asphalt Binder Cone Penetration	<60mm @ 77 °F <120mm @ 122 °F
Tensile Adhesion	35 psi – 1.5" elongation at failure
Softening Point (R&B)	198 °F
Impact Testing	Pass: no cracking, chipping or separation
Recommended Application Temperature	370 – 400 °F
Specific Gravity	1.7 – 2.0

* The values shown are based on system testing under laboratory conditions. Different field application conditions or lab equipment configurations may result in system value variances.

Packaging

- 40 pound meltable bag
- Average Consumption Rate: 100 lb/cf with bulking stone, 115 lb/cf without bulking stone.

Health and Safety

See SDS for complete safety precautions prior to use. Use HSE-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. For professional use only.

Installation

Site Preparation

The repair surfaces will be cleaned and dried with a hot air lance. All loose debris must be removed. If desired, a jack hammer or milling machine may be used to clean and prepare the area to be repaired.

Application

Application of the SAMIscreed material shall be by factory trained and certified installation professionals.

SAMIscreed material is heated in a thermostatically controlled, purpose-built mixer, having a horizontal agitator that ensures complete mixing. Once the material reaches approximately 370 to 400 °F (189 to 204 °C), pour molten SAMIscreed into the prepared area, sealing the bottom of the repair from water intrusion.

When using as a patching material, If the depth of the repair exceeds 1 inch and the width exceeds 4 inches, the remainder of the repair process will consist of layering coarse, hot angular aggregate (cleaned and dried) at a rate of 25% - 55% by volume with the molten SAMIscreed until within 3/4" of the top of the repair. The bulking aggregate must be worked into the patch completely. **NO DRY LAYERS OF BULKING AGGREGATE WILL BE ALLOWED.**

The final 3/4" of the repair will be SAMIscreed material for optimum flexibility of the repair. This top layer must be screeded to a level grade. Depending on the depth of the repair, the SAMIscreed material will be ready for traffic return between 30 minutes to 1 hour.

When using as a wide crack filler 1-4" wide, use a screed box to deliver the molten material to the repair area. Use multiple passes as necessary to ensure that the molten material is level with the existing surface. Scrape edges as necessary to ensure a good riding and aesthetically pleasing repair.

All removed materials and residual repair materials will be recovered and disposed of away from the site according to the client's specifications. All Federal, State and OSHA safety requirements must be followed during installation.

Limitations/ Shelf Life

Two (2) years when stored in a dry place in original, closed packaging. Optimal storage temperature: 60 to 70 °F (15 to 20 °C).

Warranty

FPT Infrastructure warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, FPT Infrastructure makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to FPT Infrastructure Products. FPT Infrastructure's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of FPT Infrastructure Products proven to be defective, and FPT Infrastructure shall not be liable for any loss or damage.

Please refer to our website at fptinfrastructure.com for the most up-to-date Product Data Sheets.

NOTE: All FPT Infrastructure Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.



ASPHALT TECHNOLOGIES, INC.



CERTIFICATE OF ANALYSIS

ASTM D8260 Type I Requirements

September 22, 2025
Revised April 24, 2026

Report For: FPT Infrastructure
401 Old US 52 South
Mount Airy, NC 27030

Attn: Stacey Cleary

Email: Stacey.Cleary@fptinfrastructure.com

Sample Data/Information:

SAMPLE ID	Grade/Type	Quantity	DATE RECEIVED	SOURCE	PRI PROJECT #
Fibrecrete G	Mastic (Grey)	50Lb Bag	8/4/25	FPT Infrastructure	FPT 05-02-01R2

OBJECTIVE: Evaluate Fibrecrete G for compliance with ASTM D8260 and Maryland DOT Section 911 Requirements for Type I Mastics.

DATA / RESULTS:


PROPERTIES	TEST METHODS	SPECIFICATIONS	RESULTS	
SAMPLE AS-RECEIVED				
ASTM D8260 Type I Requirements				
Mastic Resilience, %	D8260	50 min.	76.6	
Effects of Rapid Deformation	-7°C D8260/D2794	Pass	Pass	
Crack Bridging Ability (3 Cycles)	-7°C D8260/C1305	Pass	Pass	
Mastic Stability, mm	D8260	40.0 max.	4.22	
Maryland DOT Section 911 Requirements				
Cone Penetration, dmm	77°F D5329	60 max.	4	
Cone Penetration, dmm	122°F D5329	120 max.	9	
Tensile Adhesion, % Elongation	D5329	Report	162.3	
Tensile Adhesion	Force at Break, psi	D5329M ¹	15 min.	30.6
	Elongation, in		0.5 min.	0.59
Softening Point, °C (°F)	D36	93 min.	130 (266)	
Flexibility	D3111	Pass	Pass	

1 – The specimen for Tensile adhesion was 3 in. long x 2 in. wide x 1.5in thick.

DISCUSSION:

The submitted sample meets the requirements for ASTM D8260 and Maryland DOT Section 911 Type I Mastics.

See table above for results.

Tested by: 
Elsa Rodriguez, Pavement Preservation Technician

Date: April 24, 2026

Reported by: 
Steven Loeffler, Client Services Manager

Date: April 24, 2026

Technical Service Report



Revision# 1



Testing Laboratory:

ACE Laboratories

6800 N. Chestnut St.
Ravenna, OH 44266
Ph: 330-577-4088

Customer:

FPT Infrastructure

Bart Pharr

bart.pharr@fptinfrastructure.com

Project #:

DX16K3A

Quote #:

C23-1190

Date of Report:

Tuesday, January 2, 2024

PO#:

Abstract:

Analysis of one (1) product in accordance with ASTM D6690 Type II bond.

ID #	Description of Material	Receiving Date	Sample Condition	Sampled By
ACE-230663	One (1) bag labeled Grey 6690 Crack Seal Fibrecrete 6690G Hot Applied Grey Joint Crack Sealant 1 Test Sample A 10-5-23, Batch Number B14002131. Marketed under the brand Greyseal 6690.	10/9/2023	Acceptable	Customer

Results and Conclusion

Test #:

Method D 6690 Type II Environmental Condition

Test/Description Asphalt Compatibility per ASTM D 5329

Result **Pass**

Requirement Pass

Conclusion: **Pass**

Test #:

Method D 6690 Type II Environmental Condition

Test/Description Softening Point per ASTM D 36
Bath liquid: USP Glycerin

Result **93.2°C (199.8°F)**

Requirement min. 80°C (176°F)

Conclusion: **Pass**

Test #:

Method D 6690 Type II Environmental Condition

Test/Description Resilience @ 25°C per ASTM D 5329

Result **72.8%**

Requirement min. 60%

Conclusion: **Pass**

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Results and Conclusion

Test #:

Method D 6690 Type II Environmental Condition

Test/Description Cone Penetration @ 25°C per ASTM D 5329

Result 35 dmm

Requirement max. 90

Conclusion: Pass

Test #:

Method D 6690 Type II Environmental Condition

Test/Description Non-Immersed Bond per ASTM D 5329

Result Pass

Requirement Three 12.7 mm Specimens pass 3 cycles at 50 % extension @ -29°C

Conclusion: Pass

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Do Not Distribute

Results and Conclusion

Conclusion:

FPT Infrastructure, Grey 6690 Crack Seal Fibrecrete 6690G Hot Applied Grey Joint Crack Sealant meets or exceeds all testing requirements set forth in ASTM D 6690 Type II Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements.

Testing Dates

10/16/2023 - 11/16/2023

Tested By:

Andrew Jambor
 Digitally signed by Andrew Jambor
 DN: O=Ace Laboratories,
 CN=Andrew Jambor,
 E=and.jambor@ace-laboratories.com
 Reason: I am the author of this document
 Location: your signing location here
 Date: 2024.01.02 16:24:56-05'00'
 Foxit PDF Reader Version: 11.2.2

Andrew Jambor
 Laboratory Technician

Reviewed By:

Rodney Armstrong
 Digitally signed by Rodney Armstrong
 Reason: I have reviewed this document
 Date: 2024.01.02 16:30:08-05'00'

Rodney Armstrong
 Engineering Manager

Revision Log

Revision #	Date	Revision
0	11/27/2023	Original
1	1/2/2024	Edited description of material

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Results and Conclusion

ACE Laboratories is an ANAB accredited ISO/IEC 17025 testing laboratory. The laboratory's certificate number is AT-2601 and all data here within is included within the that laboratory scope unless otherwise marked.

The following report contains data, graphs, and other pertinent information in relation to the testing that ACE Laboratories performed for the customer specified above. Unless otherwise noted, all testing was performed on-premise at the ACE facility. This report and all information contained within are governed by Terms & Conditions sheet provided to the customer prior to the start of testing.

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Form Revision# 0- 4-27-22

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ASPHALT TECHNOLOGIES, INC.



CERTIFICATE OF ANALYSIS

ASTM D8260 Type II Requirements

September 22, 2025
Revised April 24, 2026

Report For: FPT Infrastructure
401 Old US 52 South
Mount Airy, NC 27030

Attn: Stacey Cleary

Email: Stacey.Cleary@fptinfrastructure.com

Sample Data/Information:

SAMPLE ID	Grade/Type	Quantity	DATE RECEIVED	SOURCE	PRI PROJECT #
SamiScreed	Mastic (Black)	30Lb Box	8/4/25	FPT Infrastructure	FPT 05-02-02R4

OBJECTIVE: Evaluate SamiScreed for compliance with ASTM D8260 and Maryland DOT Section 911 Requirements for Type I Mastics.

DATA / RESULTS:

PROPERTIES	TEST METHODS	SPECIFICATIONS	RESULTS	
SAMPLE AS-RECEIVED				
ASTM D8260 Type II Requirements				
Mastic Resilience, %	D8260	50 min.	92.9	
Effects of Rapid Deformation	18°C D8260/D2794	Pass	Pass	
Crack Bridging Ability (3 Cycles)	18°C D8260/C1305	Pass	Pass	
Mastic Stability, mm	60°C D8260	40.0 max.	12.5	
Select Requested Properties				
Cone Penetration, dmm	77°F D5329	60 max.	10	
Cone Penetration, dmm	122°F D5329	120 max.	47	
Tensile Adhesion, % Elongation	D5329	Report	113.9	
Tensile Adhesion	Force at Break, psi	D5329 ¹	15 min.	32.9
	Elongation, in.		0.5 min.	0.82
Softening Point, °C (°F)	D36	93 min.	121 (250)	
Flexibility	D3111M	Pass	Pass ²	


1 - The specimen for tensile adhesion was 3 in. x 2 in. x 1.5 in. thick.

2 - Sample was prepared thicker than method specifications to accommodate large pieces of aggregate and fiber.

DISCUSSION:

The submitted sample meets the requirements for ASTM D8260 and Maryland DOT Section 911 Type I Mastics.

See table above for results.

Tested by: 
Elsa Rodriguez, Pavement Preservation Technician

Date: April 24, 2026

Reported by: 
Steven Loeffler, Client Services Manager

Date: April 24, 2026