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Greenstreak Plastic Products Co., Inc.
3400 Tree Court Industrial Blvd.
Box 7139
St. Louis, MO 63177

Att: Mr. Jim Vemmer

DL-10353A

OBJECTIVE

To test a submitted sealing compound for conformance to various requirements as outlined in Federal Specification SS-S-210A, Sealing Compound, Preformed Plastic, For Expansion Joints and Pipe Joints, dated July 2, 1975, Reinstated December 16, 1981.

PRODUCT TESTED

Greenstreak "Lockstop" Sealant

TEST PROCEDURES

The sealant was tested using the following procedures as outlined in the specification:

<u>Test</u>	<u>Procedure</u>
Specific Gravity	ASTM D 71
Ductility	ASTM D 113
Softening Point	ASTM D 36
Flash Point	ASTM D 92
Fire Point	ASTM D 92
Penetration	ASTM D 217
Sag	SS-S-210, 4.5.3
Bitumen Content	ASTM D 4
Ash Inert Materials	ASTM D 482
Volatile Material	ASTM D 6
Chemical Resistance	SS-S-210, 3.6
- 30 days @ 77°F	
KOH - 5% , HCL- 5% , NaOH - 5% ,	
H ₂ SO ₄ - 5% , H ₂ S - Saturated Solution	



TEST RESULTS

The test results are shown below:

<u>Test</u>	<u>Requirement</u>	<u>Result</u>
Specific Gravity	1.20 to 1.35	1.27
Ductility	5.0 cm min.	52.5 cm.
Softening Point	320° F min.	350° F +
Flash Point	600° F min.	610° F
Fire Point	625° F min.	630° F
Penetration	50 to 120	60
Sag	None	None
Bitumen Content	50 - 70%	62.4%
Ash Inert Materials	30 - 50%	34.3%
Volatile Material	2.0% max.	0.5%
Chemical Resistance	No visible deterioration	
- KOH - 5%		None
- HCL - 5%		None
- H ₂ SO ₄ - 5%		None
- NaOH - 5%		None
- H ₂ S - Saturated Solution		None

CONCLUSION

The submitted sample of Greenstreak "Lockstop" sealant conforms to the various requirements as outlined in Federal Specification SS-S-210A, to the extent tested.

D/L Laboratories

Thomas J. Sliva
Assistant Technical
Director

cc: S. Spindel