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technical



PREFERRED MOPPING ASPHALT SOURCES:

2009 UPDATE

June 2, 2009 – T-0902

The quality of the components in Siplast SBS-modified bitumen roof systems is critical to their performance. While Siplast closely controls all manufactured products, ongoing quality control of mopping asphalt is extremely difficult. This is primarily due to the large number of mopping asphalt suppliers and numerous plant locations.

In 1995, Siplast implemented a policy regarding hot asphalt applied roof membranes eligible for guarantees extending beyond the standard 10-year term. The policy stated that, for such extended guarantees, Siplast PA-100 mopping asphalt must be used whenever the membrane is applied in hot asphalt.

For 2009, this policy has been significantly modified to limit guarantee terms to a maximum 10-year period for applications using oxidized asphalt in the interply (between plies of modified bitumen sheet materials). Systems utilizing PA-100 asphalt to apply the Paradiene 20 layer to the insulating substrate followed by a torch or PA-311 Adhesive applied Paradiene or Parafor cap will still qualify for an extended guarantee period.

To improve the quality control of hot asphalt applied membranes, we believe it is good practice to limit the number of mopping asphalt sources to those demonstrating a substantial level of consistency. Therefore, we have developed a list of acceptable asphalts for use with Siplast systems requiring the standard 10-year guarantee. A copy of the list is attached. We recommend that asphalt from these locations be used whenever possible. Asphalts included on the list will be subject to periodic quality control audits, and the list may be updated as audit results dictate.

Some regions of the country are not included on this preferred asphalt list. As more asphalt sources are satisfactorily tested they will be added to the list.

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PREFERRED MOPPING ASPHALTS
FOR 10-YEAR
SIPLAST MEMBRANE GUARANTEES

ALL ASPHALT is ASTM D 312, TYPE IV

Siplast PA-100	Arkadelphia, AR
Continental Materials by location:	Baltimore, MD Montreal, QC Douglasville, GA East Chicago, IN Mertztown, PA
Fields	Tacoma, WA
Hot Stuff Asphalt	Salt Lake City, UT
Mid States Asphalt	El Dorado, AR
Specialty Products Inc.	Wynnewood, OK
Trumbull by location:	Kearney, NJ Jacksonville, FL Summit, IL Memphis, TN Houston, TX Irving, TX Denver, CO Portland, OR
United Asphalts	Commerce City, CO

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