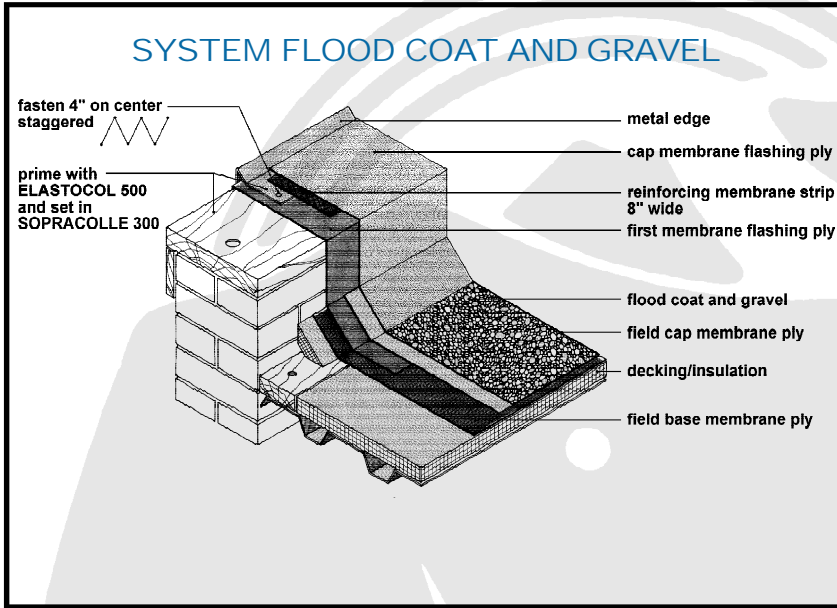
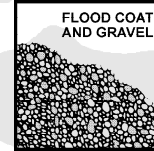


FLOOD COAT AND GRAVEL

TWO SBS MEMBRANE SYSTEM SELECTOR



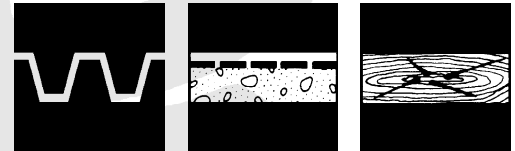
SURFACE CONDITION



APPLICATION



DECK TYPES



FIELD MEMBRANES SELECTOR	Method of Application	BASIC		OPTIMAL		HEAVY DUTY	
FIELD BASE MEMBRANE PLY	MOP	20	ELASTOPHENE 180 SANDED	20	ELASTOPHENE 180 SANDED	21	SOPRALENE 180 SANDED
FIELD CAP MEMBRANE PLY	MOP	20	ELASTOPHENE 180 SANDED	21	SOPRALENE 180 SANDED	21	SOPRALENE 180 SANDED

FLASHING SYSTEMS Method of Application	FLASHING SYSTEMS DESIGNATION	STANDARD		HEAVY DUTY		
		FIRST MEMBRANE FLASHING PLY	CAP MEMBRANE FLASHING PLY	FIRST MEMBRANE FLASHING PLY	CAP MEMBRANE FLASHING PLY	
	A	32	SOPRALENE FLAM 180	50 SOPRALENE FLAM 180 GRANULES	31 SOPRALENE FLAM 250	60 SOPRALENE FLAM 350 GRANULES
				57/58/SOPRALAST 50 TV 59 ALU/COPPER/STAINLESS	36 SOPRALENE FLAM 350	60 SOPRALENE FLAM 350 GRANULES
	B	24	ELASTOPHENE 180 PS	50 SOPRALENE FLAM 180 GRANULES	34 SOPRALENE 180 SP 3.5 MM	51 SOPRALENE FLAM 250 GRANULES
				57/58/SOPRALAST 50 TV 59 ALU/COPPER/STAINLESS		60 SOPRALENE FLAM 350 GRANULES
	C	33	SOPRALENE FLAM STICK	50 SOPRALENE FLAM 180 GRANULES	33 SOPRALENE FLAM STICK	51 SOPRALENE FLAM 250 GRANULES
				57/58/SOPRALAST 50 TV 59 ALU/COPPER/STAINLESS		60 SOPRALENE FLAM 350 GRANULES



- Verify agency and building code approvals through the current agency and building code directories or contact Soprema's Technical Services Department at (800) 356-3521.





SYSTEM FLOOD COAT AND GRAVEL QUICK SPEC

1. SYSTEM DESCRIPTION

Through a mixture of chemically engineered components, SOPREMA membranes redefine the qualities indispensable to a high-performance roof membrane: elasticity, cyclic fatigue resistance and high resistance to heat aging. The membranes are composed of selected bitumens and SBS synthetic rubber polymers.

In a two SBS membrane flood coat and gravel system, both membranes are typically installed with 20-22 lbs. of Type IV hot asphalt. The field base membrane ply is installed. Then the first membrane flashing ply is set into place with either hot asphalt or by torching. Next the field cap membrane ply is installed followed by a torch cap membrane flashing ply.

Note: An increasingly popular system is created by torch fusing the base and cap membranes together versus Type IV asphalt.

Limitations:

It is not recommended that Soprema membranes be used in direct contact with high thermal coefficient insulations (polyisocyanurate, ExPS, EPS, polyurethane). Applicable separator boards include: min. 1/2" high density wood fiber, min. 3/4" perlite, min. 3/4" fiberglass, min. 1/4" high strength, fiberglass reinforced gypsum board and 3/4" basaltic rock wool. See your local SOPREMA representative for the approved manufacturers with their specific products. Membrane should never be used in direct contact with coal-tar pitch.

Color and Finish choices for Flashing systems:

Colors: white, gray, sienna, brown, black, red, green and blue granules

Note: custom colors matches, in required minimums, are available upon request.

Finishes: Aluminum (color options), Copper or Stainless Steel

Applicable Standards:

Underwriters Laboratories, Warnock Hersey, Factory Mutual, SBCCI, Metro Dade, BOCA and ANSI. Contact SOPREMA for the specific approved assemblies by agency and/or building code.

2. TECHNICAL DATA

Refer to Soprema's PDS sheets (product data sheets) or contact Technical Services for additional information.

3. INSTALLATION

SOPREMA has a network of approved contractors and makes available upon request specifications, drawings, and special technical assistance to them for all WARRANTY projects. All SOPREMA projects are inspected by a factory-trained technical representatives upon completion and prior to the issuance of the warranty.

Surface Preparation:

- A. The Roofing Contractor shall be responsible for the inspection and acceptability of the deck surface for a SOPREMA roofing system prior to commencement of roofing.
- B. DO NOT PROCEED WITH ANY PART OF THE APPLICATION UNTIL ALL DEFECTS HAVE BEEN CORRECTED AND COMPLETED.

Installation of Membranes:

1. Begin at low point of roof. Unroll base ply membrane on substrate for alignment. Each sheet shall have 3" side laps and 6" end laps.
2. Place base membrane so edge lap will be centered on the drain or lowest point of the roof.
3. Unroll the field base membrane ply in hot asphalt, to full length. Hand mop rolling out no more than 3' at one time. Keep point of application temperature between 400° and 450° using only **CERTIFIED type IV asphalt**.
4. Application shall provide a smooth surface, free of air pockets, wrinkles, fishmouths or tears.
5. See Reverse for basic, optimal, and heavy duty Base Flashing system applications.

6. Once the base membrane ply (including flashing) is installed and does not show any defects, install the cap membrane field ply.
7. Unroll the top ply with a minimum of 12" offset on the side lap and head laps to the base membrane side laps and head laps. Again, keeping within 3' of maximum rollout at one time and staying within 25 degrees of the EVT of Type IV.
8. Check all lap seams and correct any defects. *BEFORE APPLYING A FLOOD COAT AND GRAVEL SURFACE THE FIELD APPLICATION MUST BE FINAL INSPECTED BY SOPREMA.*
9. Flood coat and gravel surfacing should be a combination of 50-60 lbs. of Type II, III, IV asphalt flood coated with 400-500 lbs. per square of clean, 3/8" diameter stone.
10. Consult Soprema for details on Base Flashing system options and their applications.

4. WARRANTY

Soprema, Inc. offers warranties for periods of 10, 15, and 20 years. Total System Warranties and Warranties requiring special rider conditions may be acceptable upon technical review and approval prior to bid.

5. MAINTENANCE

Soprema membrane roof systems generally require substantially less repair and maintenance than other roofing systems. All roofing systems require some periodic repair and maintenance. Soprema offers a repair and maintenance service program in conjunction with our warranted systems.

6. TECHNICAL SERVICES

Soprema Technical Services can provide upon request specifications, drawings, and in-field support-including periodic job inspections, by Soprema's staff of technical representatives. Contact the Soprema's Technical Services department for additional information at (800) 356-3521.



310 Quadral Drive • Wadsworth, OH 44281
Ph.:(800) 356-3521 • (330) 334-0066
Fax: (330) 334-4289