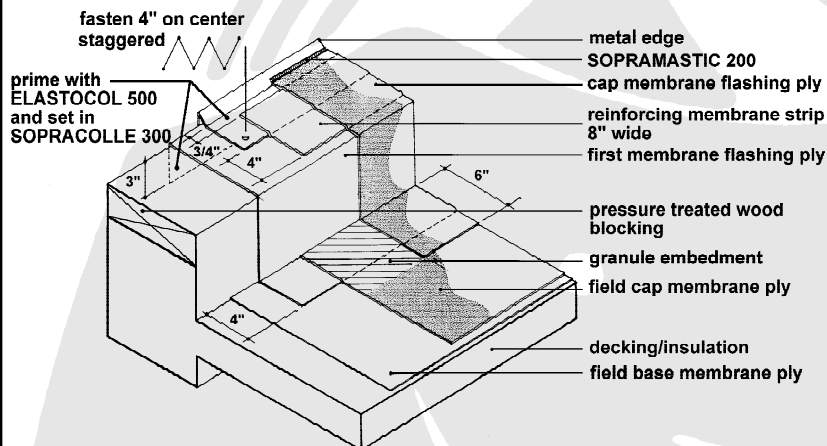


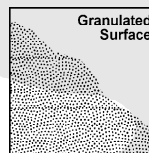
# MOP AND TORCH APPLIED

## TWO SBS MEMBRANE SYSTEM SELECTOR

### SYSTEM MOP AND TORCH APPLIED



### SURFACE CONDITION



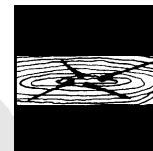
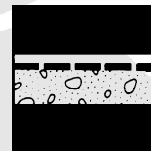
\* Standard Colors

Black Blue Brown Green  
Gray Red Sienna White  
\* Customized Mixes Upon Request

### APPLICATION



### DECK TYPES



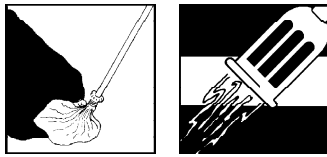
FIELD MEMBRANES SELECTOR	Method of Application	BASIC		OPTIMAL	HEAVY DUTY
FIELD BASE MEMBRANE PLY	MOP	23	ELASTOPHENE PS	24 ELASTOPHENE 180 PS	34 SOPRALENE 180 PS 3.5 MM
FIELD CAP MEMBRANE PLY	TORCH	53	ELASTOPHENE FLAM GRANULES	50 SOPRALENE FLAM 180 GRANULES	51 SOPRALENE FLAM 250 GRANULES
	<input type="checkbox"/> FIRE RATED - TORCH	55	ELASTOPHENE FLAM FR GRANULES	48 SOPRALENE FLAM 180 FR GRANULES	54 SOPRALENE FLAM 250 FR GRANULES

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



☐ 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 MOP AND TORCH APPLIED QUICK SPEC

### 1. SYSTEM DESCRIPTION

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

In a mop/torch application, the field base membrane is installed in hot asphalt. Then the entire perimeter first membrane ply flashing sheet is installed\*. Next, the field cap membrane ply is *torched* into place. Finally, the cap membrane flashing ply is torch installed and tied into the field cap membrane ply.

\* There are three (3) acceptable flashing system options with mop/torch systems. See Flashing System Description sheet for details.

#### Limitations:

It is not recommended that Soprema membranes be used in direct contact with high thermal coefficient insulations (polyisocyan-urate, 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:

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 field base membrane ply in hot asphalt, to full length. Hand mopping 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 the first membrane ply flashing layer) is installed and does not show any defects, install the cap membrane field ply.
7. Offsetting the side and head laps a minimum of 12" from the base membrane side and head laps, set cap membrane ply in place and completely unroll. Once relaxed, 10 minutes, back roll from each end creating two equivalent sub rolls. Torch down by pulling the sub roll out with a sweeping "box" torching technique (see Roofer's Guide for details) simultaneously melting the base and cap membrane's and fusing them together. Granules should be broadcast in the bleed out (approximately 1/4") as each ply is installed.
8. Check all lap seams and correct any defects.
9. 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.



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