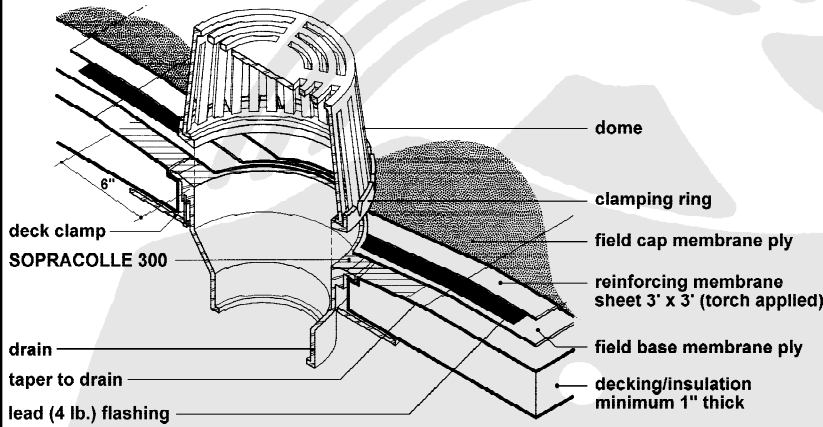


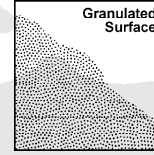
HOT ASPHALT APPLIED

TWO SBS MEMBRANE SYSTEM SELECTOR

SYSTEM HOT ASPHALT APPLIED



SURFACE CONDITION



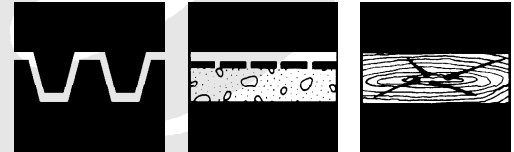
* Standard Colors

- 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 | 25 | ELASTOPHENE SANDED | 20 | ELASTOPHENE 180 SANDED | 21 | SOPRALENE 180 SANDED |
| FIELD CAP MEMBRANE PLY | MOP | 41 | ELASTOPHENE GRANULES | 43 | SOPRALENE 180 GRANULES | 45 | SOPRALENE 250 GRANULES |
| | • FIRE RATED - MOP | 42 | ELASTOPHENE FR GRANULES | 44 | SOPRALENE 180 FR GRANULES | 47 | SOPRALENE 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 |
| | 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 HOT ASPHALT APPLIED 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 fully adhered, hot mopping application, the base field membrane is fully adhered to an acceptable mopping substrate at a rate of 20-22 lbs. per square with a certified type IV asphalt. Then the entire perimeter first membrane flashing ply is installed*. Next, the cap field membrane ply is installed in a fully adhered mopping asphalt method at a rate of 20-22 lbs. per square with a certified Type IV asphalt. Finally, the top membrane flashing ply is installed and tied into the field cap membrane ply.

* There are three (3) acceptable flashing system options with hot applied 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 (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:

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 base membrane, in hot, to full length. Hand mop membrane 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. Broadcast identical colored granules into the asphalt bleed out during the application and before asphalt cooling.
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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