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RESEARCH REPORT: RR 26062
(CSI # 07 52 00)

Expires: November 1, 2024
Issued Date: September 1, 2022
Code: 2020 LABC

GENERAL APPROVAL – Renewal - SOPREMA Modified Bitumen Roofing and Waterproofing System.

DETAILS

SOPREMA Modified Bitumen Roofing & Waterproofing Systems are multi-ply roof covers consisting of styrene-butadiene-styrene (SBS) modified bitumen, fiberglass, polyester and/or composite reinforced membranes that are installed using cold-adhesive, hot-asphalt, mechanical fasteners, self-adhering and/or torch/heat-weld application techniques.

SOPREMA Modified Bitumen Roofing & Waterproofing Systems meet the physical properties specifications outlined in Table 1 below.

The roof covering systems described above are approved as Class A and B roof coverings to the following conditions:

1. The roofing materials shall be delivered to the job site in sealed containers identified by the manufacturer's name and product designation.
2. Application of the components shall be in accordance with the applicant's published installation instructions, consistent with the description and requirements herein (a copy shall be available at the job site).

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TABLE 1: PHYSICAL PROPERTIES SPECIFICATION COMPLIANCE SUMMARY SOPREMA MODIFIED BITUMEN ROOFING & WATERPROOFING MEMBRANES				
Type	Product	Specification		
		Reference	Grade	Type
Base / Ply Sheets	Sopra-G	ASTM D4601	N/A	II
	Modified Sopra-G	ASTM D4601	N/A	II
	Soprabase	Proprietary	N/A	N/A
	Soprabase S	Proprietary	N/A	N/A
	Soprabase TG	Proprietary	N/A	N/A
	Sopra IV	ASTM D2178	N/A	IV
	Sopra VI	ASTM D2178	N/A	VI
	Sopra 4897	ASTM D4897	N/A	N/A
Mechanically Attached Smooth Membranes	SOPRAFIX Base 610	ASTM D6162	S	I
	SOPRAFIX Base 611	ASTM D6164	S	I
	SOPRAFIX Base 612	ASTM D6164	S	I
	SOPRAFIX Base 613	ASTM D6164	S	I
	SOPRAFIX Base 621	ASTM D6164	S	I
SOPRAFIX Base 622	ASTM D6164	S	I	
Mechanically Attached Granule Membranes	Unilay or Unilay Ultra FR	ASTM D6164	G	II
Hot or Cold Applied Smooth Membranes	Elastophene HS 62	ASTM D6162	S	III
	Elastophene HS Sanded	ASTM D6163	S	III
	Elastophene Sanded (aka, Colphene Sanded)	ASTM D6163	S	I
	Elastophene Sanded 3.0	ASTM D6163	S	I
	Elastophene PS	ASTM D6163	S	I
	Sopralene 180 PS 2.2 (aka, Colphene 180 PS)	ASTM D6164	S	I
	Sopralene 180 Sanded	ASTM D6164	S	I
	Sopralene 180 Sanded 2.2 (aka, Colphene 180 Sanded)	ASTM D6164	S	I
Sopralene 250 Sanded	ASTM D6164	S	II	
Heat Welded Smooth Membranes	Elastophene Flam HS	ASTM D6162	S	III
	Elastophene Flam	ASTM D6163	S	I
	Elastophene Flam 2.2	ASTM D6163	S	I
	Elastophene SP 2.2 (aka, Colphene SP 2.2)	ASTM D6163	S	I
	Elastophene SP 3.0 (aka, Colphene SP 3.0)	ASTM D6163	S	I
	Colvent TG	ASTM D6163	S	I
	Colvent Flam TG	ASTM D6163	S	I
	Sopralene Flam 180 (aka, Colphene Flam 180)	ASTM D6164	S	I
	Sopralene 180 SP	ASTM D6164	S	I
	Sopralene 180 SP 3.5 (aka, Colphene 180 SP 3.5)	ASTM D6164	S	I
	Colvent 180 TG	ASTM D6164	S	I
	Colvent Flam 180 TG	ASTM D6164	S	I
	Sopralene Flam 250	ASTM D6164	S	II
	Sopralene 250 SP	ASTM D6164	S	II
Self-Adhering Smooth Membranes	Elastophene Stick	ASTM D6163	S	I
	Elastophene Flam Stick	ASTM D6163	S	I
	Sopralene Stick (aka, Colphene Stick)	ASTM D6164	S	I
	Sopralene Flam Stick	ASTM D6164	S	I
Hot or Cold Applied Granule Membranes	Elastophene GR	ASTM D6163	G	I
	Elastophene LS FR GR	ASTM D6163	G	I
	Elastophene FR GR	ASTM D6163	G	I
	Sopralene 180 FR GR (aka, Colphene 180 FR GR)	ASTM D6164	G	I
	Sopralene 250 FR GR (aka, Colphene 250 FR GR)	ASTM D6164	G	II

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Type	Product	Specification		
		Reference	Grade	Type
Heat Welded Granule Membranes	Elastophene Flam GR	ASTM D6163	G	I
	Elastophene Flam LS FR GR	ASTM D6163	G	I
	Elastophene Flam FR GR	ASTM D6163	G	I
	Sopralene Flam 180 GR (aka, Colphene Flam 180 GR)	ASTM D6164	G	I
	Sopralene Flam 180 GR 3.5	ASTM D6164	G	I
	Sopralene Flam 180 FR GR (aka, Colphene Flam 180 FR GR)	ASTM D6164	G	I
	Sopralene Flam 180 FR GR 3.5	ASTM D6164	G	I
	Sopralene Flam Antirock	ASTM D6164	G	I
	Sopralene Flam 250 FR GR (aka, Colphene Flam 250 FR GR)	ASTM D6164	G	II
Self-Adhering Granule Membranes	Elastophene Stick HR FR GR (aka, Colphene HR FR GR)	ASTM D6164	G	I
	Elastophene Stick FR GR (aka, Colphene FR GR)	ASTM D6163	G	I
Foil Membranes	Sopralast 50 TV ALU	ASTM D6298	N/A	I
Reflective Membranes	SopraStar Sanded	ASTM D6162	S	I
	SopraStar Flam	ASTM D6162	S	I
	SopraStar Stick	ASTM D6162	S	I

3. The SOPREMA Modified Bitumen Roofing and Waterproofing System is approved for reroofing (in accordance with Section 6.4 of AC75) under the following conditions:
 - A. Class A, B, or C roof covering systems may be installed over existing roof covering systems under the following conditions provided the resulting classification is the lower of the new and existing roofing classification:
 - New uninsulated systems installed only over existing uninsulated assemblies.
 - New insulated systems installed over existing uninsulated systems only.
 - B. For wind uplift resistance, mechanically anchored systems may be accepted based on adequacy of anchors penetrating through existing roof coverings into structural substrates.
 - C. Metal edge securement systems must be listed in accordance with ANSI/SPRI ES-1 dated (2003 or 2011, as applicable) and designed and installed for wind loads in accordance with IBC Section 1504.5 and IBC Chapter 16.

DISCUSSION

The report is in compliance with the 2020 Los Angeles Building Code.

The approval was based on tests in accordance with ICC Evaluation Services Acceptance Criteria for Membrane Roof Covering Systems (AC 75).

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

SOPREMA, Inc.

RE: SOPREMA Modified Bitumen Roofing and Waterproofing Systems.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

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