



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 432-06-M

Manufacturer: Soprema Inc., 310 Quadral Drive, Ohio 44281

Trade Name(s): Soprema

Product: Roofing material

Pertinent Code Section(s): 27-337

Prescribed Test(s): RS 5-10 (UL 790, ASTM E108)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL Reports: 87NK10526; 89NK10293; 91NK8932; 93NK15461; 93NK18523; 94NK6257; 96NK11168; 96NK32026; 97NK11437; 97NK33406; 00NK37769; 00NK42126; 99NK29833; 00NK47999; 00NK5320; 01NK31199; 01NK29692; 01NK31196; 01NK9366; 00NK5320; 02NK33954; 02NK26012; 03NK23327; 03NK27786; and 05NK04384.

Description: Low-slope roofing materials, including Elastophene Sanded; Elastophene GR; Mammoth Alu Flam; Mammoth 40 TV ALU; Sopralast TV Copper; Elastophene 180 PS; Elastophene FR GR; SEBS **Sopracolle E**; Colphene FR GR; Sopralast 50 TV ALU; Cural; Unilay; FM Adhesive (VOC); High Velocity Membrane Adhesive; FM Adhesive; Sopralene Flam 180; Soprafix; Elastophene Flam FR + GR; Sopraboard; Sopralene 250 Sanded; Elastophene FR+ GR; **“R” Nova**; EPS Flam Stick; Sopralene Flam Stick; Colphene HR FR GR; Sopralene Flam 250 FR + GR; **Soprafix (x)**; **Elastophene Flam GR**; Alsan Flashing; Colvent SA; Colvent TG; Sopralene Flam 250 GR; **Sopralene Flam 250**; Colphene HR FR GR; Elastophene Flam FR GR; Colphene FR GR; Sopralene Flam 180 FR GR and Soprafix-e.

Unless otherwise indicated SOPRACOLLE "E" modified asphalt hot mopping adhesive may be used as an alternate to hot mopping asphalt in systems limited to inclines not exceeding 1 inch to the horizontal ft.

Class B - Fully Adhered

6. Deck: C-15/32

Incline: Unlimited

Insulation (Optional): — Polyisocyanurate, any thickness.

Barrier Board: — 1/4-in. min GP Gypsum DensDeck® with all joints staggered 6-in. from the plywood joints.

Base Sheet: — "Sopralene Flam 180" or "Soprafix," mechanically fastened in the membrane laps.

Membrane: — "Elastophene Flam FR+GR," heat fused.

Class B - Mechanically Fastened

12. Deck: C-15/32

Incline: 1

Base Sheet (Optional):c One or more plies Type G2, "Sopraglass 100," "Sopra G," "Modified Sopra G" mechanically fastened or adhered with hot roofing asphalt.

Insulation (Optional): — Polyisocyanurate, wood fiberboard, glass fiber or perlite board, any thickness or combination, mechanically fastened, hot mopped or adhered with any UL classified insulation adhesive.

Barrier Board: — 1/8-in. or 3/16-in. "SOPRABOARD," G-P Gypsum Corp. 1/4-in. (min) "DensDeck®," "DensDeck Prime®" or "DensGuard®" mechanically fastened with all joints staggered 6-in. (min) from the insulation and plywood joints, hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c," "Elastocol 500" (not UL classified) or Henry Co. "AquaTac" (not UL classified) at 0.5 gal/sq. prior to "Colvent SA" or self-adhered ply sheets being installed.

Ply Sheet (Optional): — One ply "Elastophene Sanded," "Elastophene HD," "Elastophene HR Sanded," "Elastophene HS FR," "Elastophene HP," "Elastophene 180 Sanded," "Sopralene 180 Sanded," "Sopralene 250 Sanded" mechanically fastened or adhered with "FM Adhesive" at 1.5 gal/sq. or hot mopped or "Elastophene Flam," "Elastophene Flam HR," "Elastophene Flam HS FR," "Elastophene Flam HP," "Sopralene Flam 180" or "Sopralene Flam 250" heat welded or "Colvent TG" heat welded or "Colvent SA," "Sopralene Flam Stick," "Sopralene Stick" or "EPS Flam Stick" self-adhered. (Optional, sanded top surface ply sheets are primed with either Soprema "Elastocol 600c," "Elastocol 500" (not UL classified) or Henry Co. "AquaTac" (not UL classified) at 0.5 gal/sq. prior to Colphene cap sheet being installed).

Membrane: — "Elastophene FR GR," "Elastophene FR+ GR," "Elastophene HD FR GR," "Elastophene HR FR GR," "Elastophene HS FR GR," "Elastophene HP

FR GR," "Sopralene 180 FR GR," "Sopralene 250 FR GR" adhered with hot roofing asphalt or Soprema "FM Adhesive" at 1.5 gal/sq.; "Elastophene Flam FR GR," "Elastophene Flam FR+ GR," "Elastophene Flam HD FR GR," "Elastophene Flam HR FR GR," "Elastophene Flam HS FR GR," "Elastophene Flam HP FR GR," "Sopralene Flam 180 FR GR," "Sopralene Flam 180 FR+ GR," "Sopralene Flam 250 FR GR" or "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" or self-adhered.

14. Deck: C-15/32

Incline: 4

Base Sheet (Optional): — One or more plies Type G2, "Sopraglass 100," "Sopra G," "Modified Sopra G" mechanically fastened or adhered with hot roofing asphalt.

Insulation (Optional): — Any UL classified insulation, any thickness or combination, mechanically fastened, hot mopped or adhered with any UL classified insulation adhesive.

Barrier Board: — G-P Gypsum Corp. 1/4-in. (min) "DensDeck®," "DensDeck Prime®," or "DensGuard®" mechanically fastened with all joints staggered 6-in. (min) from the insulation and plywood joints, hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c," "Elastocol 500" (not UL classified) or Henry Co. "AquaTac" (not UL classified) at 0.5 gal/sq. prior to "Colvent SA" or "Colvent TG" or "ESHAvent" ply sheet being installed.

Ply Sheet: — One ply or "Colvent TG" heat welded or "Sopra ESHAvent" or "Colvent SA" semi-adhered. Membrane: "Elastophene Flam FR+ GR"

Terms and Conditions: The above-described roof covering assemblies are accepted provided that:

1. Installation shall be in accordance with roof inclines specified for Class B fire-resistance classification.
2. All shipments and deliveries of such material or equipment shall be provided with a tag, suitably placed, certifying that the material or equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance October 24, 2005

Examined By Spencer Derkshuter