



NYC Department of Buildings
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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 430-06-M

Manufacturer: Soprema Inc., 310 Quadral Drive, Wadsworth, Ohio 44280

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 Files: 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 A - Fully Adhered ("Elastophene GR" Membranes)

The following cold applied adhesives are acceptable for use in these systems at 1.5 gal/sq: Soprema "SOPRACOLLE", "FM Adhesive", "FM Adhesive (VOC)" and "High Velocity Membrane Adhesive".

The following ply sheets may be substituted for the "Sopralene 250 Sanded" sheet: "Elastophene Sanded", "Elastophene Flam", "Elastophene FL 2.2mm", "Elastophene PS", "Elastophene HD", "Elastophene Sanded 3.0 mm", "Elastophene PS 3.0 mm", "Elastophene 180 Sanded", "Elastophene 180 PS", "Elastophene 180 SP", "Sopralene 180 Sanded", "Sopralene Flam 180", "Sopralene Flam 250", "Sopralene 250 3.5", "Sopralene 180 PS", "Sopralene 180 SP 3.5 mm", "Sopralene Flam 180 2.7 mm", "Sopralene 250 PS 2.7 mm", "Elastophene HR Sanded" or "Elastophene Flam HR 3.0 mm".

Class A - Fully Adhered

8. Deck: C-15/32

Incline: No Limitation

Insulation (Optional): — Glass fiber, perlite, wood fiber, 1 inch min.

Base Sheet: — Type G2 or "Elastophene Sanded," mechanically fastened or adhered with hot roofing asphalt; or "Elastophene Flam," mechanically fastened or heat fused.

Membrane: — "Mammouth Alu Flam" or "Mammouth 40 TV Alu," heat fused or adhered with hot roofing asphalt."

5. Deck: C-15/32

Incline: 2

Insulation: — Polyisocyanurate, glass fiber, rock wool, perlite, 2 in. min, mechanically fastened or adhered with hot roofing asphalt.

Base Sheet: — "Elastophene Sanded," mechanically fastened or adhered with hot roofing asphalt.

Membrane: — "Elastophene FR GR", adhered with hot roofing asphalt.

6. Deck: C-15/32

Incline: 2

Insulation: — Polyisocyanurate, 1¼ in. min, mechanically fastened or adhered with hot roofing asphalt, covered with ½ in. wood fiber, with joints offset 6-inches from joints in deck, mechanically fastened or adhered with hot roofing asphalt.

Base Sheet: — "Elastophene Sanded," mechanically fastened or adhered with hot roofing asphalt.

Membrane: — "Elastophene FR GR," adhered with hot roofing asphalt.

17 Deck: C-15/32

Incline: 1/2

Insulation (Optional): — Polyisocyanurate, glass fiber, rock wool board, wood fiberboard, any thickness, mechanically fastened or adhered with hot roofing asphalt.

Barrier Board: — G-P Gypsum DensDeck®, 1/4-in. thick (min.), mechanically fastened.

Base Sheet (Optional): — One ply "Sopralene Flam 180 3.0 mm" or "Soprafix," mechanically fastened at the heat fused laps.

Membrane: — One ply "Colphene FR GR", self adhered.

38. Deck: C-15/32

Incline: 1-1/2

Insulation (Optional): — Any UL Classified, any thickness.

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

Primer: — "Elastocol 600c," applied at 1 gal/sq.

Base Sheet: — "Sopralene Flam Stick" or "EPS Flam Stick," self adhered.

Membrane: — "Sopralene Flam 180 FR GR" or "Sopralene Flam 250 FR GR," heat fused.

39 Deck: C-15/32

Incline: 4

Insulation (Optional): — Polyisocyanurate, any thickness.

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

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

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

53. Deck: C-15/32

Incline: 1/2

Base Sheet (Optional): — One or more ply Type G1 or Type G2 or "Sopra IV" or "Sopra VI" or "Sopra 40" or "Sopraglass 100" or "Sopra G" or "Modified Sopra G," mechanically fastened or adhered with hot roofing asphalt.

Insulation (Optional): — Polyisocyanurate, wood fiberboard, glass fiber or perlite board or Rockwool, 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. thick "SOPRABOARD" or minimum 1/4-in. thick G-P Gypsum Corp. "DensDeck®" or "DensDeck Prime®" or "DensGuard®" or mechanically fastened with all butt joints staggered a minimum of 6-in. from the insulation and plywood deck joints, hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c" or "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" or "Elastophene HR Sanded" or "Elastophene HS FR" or "Elastophene HP or "Elastophene 180 Sanded" or "Sopralene 180 Sanded" or "Sopralene 250 Sanded" mechanically fastened or adhered with "SOPRACOLLE" or "FM Adhesive" or "FM Adhesive (VOC)" or "High Velocity Membrane Adhesive" at 1.5 gal/sq. or hot mopped or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS HR" or "Elastophene Flam HP" or "Sopralene Flam 180" or "Sopralene Flam 250" or heat welded or "Sopralend Stick" or EPS Flam Stick" self-adhered or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" or "Elastophene Flam HP" or "Soprafix" or "Soprafix-e" or Elastophene 180 Sanded" or Sopralene 180 Sanded" or "Sopralene Flam 180" or Soprafix(x)" or Sopralene 250 Sanded" or "Sopralene Flam 250" mechanically fastened. (Optional, sanded top surface ply sheets are primed with either Soprema "Elastocol 600c" or "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 GR" or "Elastophene FR GR" or "Elastophene FR+ GR" or "Elastophene HD FR GR" or "Elastophene HR FR GR" or "Elastophene HS FR GR" or "Elastophene HP FR GR" or "Sopralene 180 FR GR" or "Sopralene 250 FR GR" adhered with hot roofing asphalt or Soprema "FM Adhesive" or "FM Adhesive (VOC)" or "High Velocity Membrane Adhesive" at 1.5 gal/sq.; "Elastophene Flam GR" or "Elastophene Flam FR GR" or "Elastophene Flam HD FR GR" or "Elastophene Flam FR+ GR" or "Elastophene Flam HR FR GR" or "Elastophene Flam HS FR GR" or "Elastophene Flam HP FR GR" or "Sopralene Flam 180 FR GR" or "Sopralene Flam 180 FR+ GR" or "Sopralene Flam 250 FR GR" or "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" self-adhered.

43. Deck: C-15/32

Incline: 2

Barrier Board: — (1/4-in. min) G-P Gypsum DensDeck® or DensDeck Prime®, with all joints staggered 6-in. (min) from the plywood joints.

Primer: — "Elastocol 600 c" at 1 gal/sq.

Base Sheet: — "EPS Flam Stick," self adhered.

Membrane: — "Colphene HR FR GR," self adhered.

45. Deck: C-15/32

Incline: 1-1/2

Barrier Board: — (1/4-in. min) G-P Gypsum DensDeck® or DensDeck Prime®, with all joints staggered 6-in. (min) from the plywood joints.

Primer: — "Elastocol 600 c" at 1 gal/sq.

Base Sheet: — "Sopralene Flam Stick," self adhered.

Membrane: — "Colphene HR FR GR," self adhered.

Base Sheet (Optional): — One or more plies Type G1 or Type G2 or "Sopra IV" or "Sopra VI" or "Sopra 40" or "Sopraglass 100" or "Sopra G" or "Modified Sopra G" mechanically fastened or adhered with hot roofing asphalt.

Insulation (Optional): — Polyisocyanurate, wood fiberboard, glass fiber or perlite board or Rockwool, 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. thick "SOPRABOARD" or minimum 1/4-in. thick G-P Gypsum Corp. "DensDeck®" or "DensDeck Prime®" or "DensGuard®" or mechanically fastened with all butt joints staggered a minimum of 6-in. from the insulation and plywood deck joints, hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c" or "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" or "Elastophene HD" or "Elastophene HR Sanded" or "Elastophene HS FR" or "Elastophene HP" or "Elastophene 180 Sanded" or "Sopralene 180 Sanded" or "Sopralene 250 Sanded" mechanically fastened or adhered with "SOPRACOLLE" or "FM Adhesive" or "FM Adhesive (VOC)" or "High Velocity Membrane Adhesive" at 1.5 gal/sq. or hot mopped or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" or "Elastophene Flam HP" or "Sopralene Flam 180" or "Sopralene Flam 250" or heat welded or "Colvent TG" heat welded or "Colvent SA" or "Sopralene Flam Stick" or "Sopralene Stick" or "EPS Flam Stick" self-adhered or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" or "Elastophene Flam HP" or "Soprafix" or "Soprafix-e" or "Elastophene 180 Sanded" or "Sopralene 180 Sanded" or "Sopralene Flam 180" or "Soprafix(x)" or "Sopralene 250 Sanded" or "Sopralene Flam 250" mechanically fastened. (Optional, sanded top surface ply sheets are primed with either Soprema "Elastocol 600c" or "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 GR" or "Elastophene FR GR" or "Elastophene FR+GR" or "Elastophene HD FR GR" or "Elastophene HR FR GR" or "Elastophene HS FR GR" or "Elastophene HP FR GR" or "Sopralene 180 FR GR" or "Sopralene 250 FR GR" adhered with hot roofing asphalt or Soprema "FM Adhesive" or "FM Adhesive (VOC)" or "High Velocity Membrane Adhesive" at 1.5 gal/sq.; "Elastophene Flam GR" or "Elastophene Flam FR GR" or "Elastophene Flam HD FR GR" or "Elastophene Flam FR+ GR" or "Elastophene Flam HR FR GR" or "Elastophene Flam HS FR GR" or "Elastophene Flam HP FR GR" or "Sopralene Flam 180 FR GR" or "Sopralene Flam 180 FR+ GR" or "Sopralene Flam 250 FR GR" or "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" self-adhered.

55. Deck: C-15/32

Incline: 1/2

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): — 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," glass fiber 7/16-in. (min), perlite or Rockwool 3/4-in. (min), 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: — 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 GR," "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; "Elastophene Flam 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.

57. Deck: C-15/32

Incline: 1

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): — 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: — Min 1/8-in. or 3/16-in. "SOPRABOARD," min. 7/16-in. glass fiber, min. 3/4-in. perlite or Rockwool, 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 urethane 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," mechanically fastened or hot mopped or "Elastophene Flam," "Elastophene Flam HD" "Elastophene Flam HR," "Elastophene Flam HS FR" heat welded or "Colvent TG" heat welded or "Colvent SA" 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 gals/sq.; "Elastophene Flam FR GR," "Elastophene Flam HD 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" self-adhered.

59. Deck: C-15/32

Incline: 2

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 urethane 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 HR Sanded," "Elastophene HD," "Elastophene HS FR," "Elastophene HP," "Elastophene 180 Sanded," "Sopralene 180 Sanded," "Sopralene 250 Sanded," mechanically fastened or hot mopped or "Elastophene Flam," "Elastophene Flam HD," "Elastophene Flam HR," "Elastophene Flam HS FR," "Elastophene Flam HP," "Sopralene Flam 180" or "Sopralene Flam 250," or "Colvent TG" heat welded or "Colvent SA" "Sopralene Flam Stick," "Sopralene Stick" or "EPS Flam Stick," self-adhered. (Optional, sanded top surfaced ply sheet is 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; "Elastophene Flam FR GR," "Elastophene Flam 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.

60. Deck: C-15/32

Incline: 1-1/2

Base Sheet (Optional): — One or more plies Type G1 or Type G2 or "Sopra IV" or "Sopra VI" or "Sopra 40" or "Sopraglass 100" or "Sopra G" or "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: — Minimum ¼-in. thick G-P Gypsum Corp. "DensDeck®" or "DensDeck Prime®" or "DensGuard®" mechanically fastened with all butt joints staggered a minimum of 6-in. from the insulation and plywood deck joints, hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c" or "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 sheet being installed.

Ply Sheet: — One ply "Colvent TG" heat welded or "Colvent SA" or "Sopralene Flam Stick" or "Sopralene Stick" or "EPS Flam Stick" self-adhered or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" or "Elastophene Flam HP" or "Soprafix" or "Soprafix-e" or "Elastophene 180 Sanded" or "Sopralene 180 Sanded" or "Sopralene Flam 180" or "Soprafix(x)" or "Sopralene 250 Sanded" or "Sopralene Flam 250", mechanically fastened. (Optional, sanded top surface self-adhered ply sheets are primed with either Soprema "Elastocol 600c" at 1-gal/sq., "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" or "Elastophene FR+ GR" or "Elastophene HD FR GR" or "Elastophene HR FR GR" or "Elastophene HS FR GR" or "Elastophene HP FR GR" or "Sopralene 180 FR GR" or "Sopralene 250 FR GR" adhered with hot roofing asphalt or Soprema "FM Adhesive" at 1.5 gal/sq.; "Elastophene Flam FR GR" or "Elastophene Flam FR+ GR" or "Elastophene Flam HR FR GR" or "Elastophene Flam HS FR GR" or "Elastophene Flam HP FR GR" or "Sopralene Flam 180 FR GR" or "Sopralene Flam 180 FR+ GR" or "Sopralene Flam 250 FR GR" or "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" or self-adhered.

64. Deck: C-15/32

Incline: 1

Base Sheet (Optional): — One or more plies Type G1 or Type G2 or "Sopra IV" or "Sopra VI" or "Sopraglass 40" or "Sopraglass 100" or "Sopra G" or "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: — 1/8-in. or 3/16-in. "SOPRABOARD" or G-P Gypsum Corp. 1/4-in. (min) "DensDeck®" or "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" or "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" or "Elastophene HD" or "Elastophene HR Sanded" or "Elastophene HS FR" mechanically fastened or hot mopped or "Elastophene Flam" or "Elastophene Flam HD" or "Elastophene Flam HR" or "Elastophene Flam HS FR" heat welded or "Colvent TG" heat welded or "Colvent SA" or "Sopralene Flam Stick" or "Sopralene Stick" or "EPS Flam Stick" self-adhered or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" or "Soprafix" or "Soprafix-e" or "Elastophene 180 Sanded" or "Sopralene 180 Sanded" or "Sopralene Flam 180" or "Soprafix(x)" or "Sopralene 250 Sanded" or "Sopralene Flam 250", mechanically fastened. (Optional, sanded surface ply sheets are primed with either Soprema "Elastocol 600c" or "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 Flam FR GR" or "Elastophene Flam HD FR GR" or "Elastophene Flam FR+ GR" or "Elastophene Flam HR FR GR" or "Elastophene Flam HS FR GR" or "Elastophene Flam HP FR GR" or "Sopralene Flam 180 FR GR" or "Sopralene Flam 180 FR+ GR" or "Sopralene Flam 250 FR GR" or "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" self-adhered.

66. Deck: C-15/32

Incline: 1

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: — 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" ply sheet being installed.

Ply Sheet (optional): — One ply "Colvent SA" self-adhered or "Colvent TG" heat welded. 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 optional inner ply being installed.

Inner Ply (Optional): — One ply "Elastophene Flam," "Elastophene Flam HD," "Elastophene Flam HR," "Elastophene Flam HS FR," "Elastophene Flam HP," "Sopralene Flam 180," or "Colvent TG" heat welded or "Colvent SA" self-adhered.

Membrane: — "Elastophene Flam FR+ GR," "Sopralene Flam 180 FR+ GR," "Sopralene Flam 180 FR+ GR" and "Sopralene Flam 250 FR+ GR" heat welded.

67 Deck: C-15/32

Incline: 1

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 urethane insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c" at 1.0 gal. /sq. "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 "Colvent SA" self-adhered or "Colvent TG" heat welded. 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 optional inner ply being installed.

Inner Ply (Optional): — One ply "Elastophene Flam," "Elastophene Flam HD," "Elastophene Flam HR," "Elastophene Flam HS FR," "Elastophene Flam HP," "Sopralene Flam 180," "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 Flam FR+ GR," "Sopralene Flam 180 FR+ GR," "Sopralene Flam 180 FR+ GR" and "Sopralene Flam 250 FR+ GR" heat welded or "Colphene FR GR" or self-adhered.

68. Deck: C-15/32

Incline: 1/2

Base Sheet (Optional): — One or more plies Type G1 or Type G2 or "Sopra IV" or "Sopra VI" or "Sopraglass 40" or "Sopraglass 100" or "Sopra G" or "Modified Sopra G" mechanically fastened or adhered with hot roofing asphalt.

Insulation (Optional): — Any UL classified insulation, EPS or extruded polystyrene, any thickness or combination.

Barrier Board (Optional): — 1/8-in. or 3/16-in. "SOPRABOARD" or minimum 1/4-in. thick G-P Gypsum Corp. "DensDeck®" or "DensDeck Prime®" or "DensGuard®" mechanically fastened or hot mopped or adhered with any UL classified insulation adhesive. Optional, top surface primed with either Soprema "Elastocol 600c" or "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.

Primer (Optional): — "Elastocol 600c" applied at 1 gal/sq. "Elastocol 500" (not UL classified) Henry Co. "AquaTac" (not UL classified) at 0.5-gal/sq.

Base Sheet: — One ply "Colvent SA" self-adhered or "Colvent TG" heat welded or "Elastophene Flam" or "Elastophene Flam HR" or "Elastophene Flam HS FR" mechanically fastened. (Optional, sanded surface ply sheets are primed with either Soprema "Elastocol 600c" or "Elastocol 500" (not UL classified) or Henry Co. "AquaTac" (not UL classified) at 0.5 gal/sq. prior to Colphene cap sheet being installed).

Primer (Optional): — "Elastocol 600c" applied at 1-gal/sq. "Elastocol 500" (not UL classified).

Membrane: — "Elastophene Flam FR GR" or "Elastophene Flam HD FR GR" or "Elastophene Flam FR+ GR" or "Elastophene Flam HR FR GR" or "Elastophene Flam HS FR GR" or heat welded or "Colphene FR GR" self-adhered.

69. Deck: C-15/32

Incline: 1/2

Base Sheet (Optional): — One or more plies Type G1 or G2, "Modified Sopra G" "Sopra G," "Sopra IV," "Sopra VI," Types G1 or G2, "Sopraglass 40," "Sopraglass 100."

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

Primer (Optional): — "Elastocol 600c" applied at 1 gal/sq. "Elastocol 500" (not UL classified) Henry Co. "AquaTac" (not UL classified) at 0.5 gal/sq.

Base Sheet: — One ply "Colvent SA" or "Colvent TG."

Ply Sheet (Optional): — One or more plies Type G1 or Type G2, "Modified Sopra G" "Sopra G," "Sopra IV," "Sopra VI" "Sopraglass 40," "Sopraglass 100."

Membrane: — "Elastophene Flam FR GR," "Elastophene Flam HD FR GR," "Elastophene Flam FR+ GR," "Elastophene Flam HR FR GR," "Elastophene Flam HS FR GR," heat welded or "Colphene FR GR" self-adhered.

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, 2006

Examined By Sven DerPhodon