

Construction #2: Concrete (new): The deck is primed with an ASTM D-41 primer at 1 gal/sq (0.4 L/m²). A 1 or 2 ply roof cover is then installed per Construction #1. Meets Class 1-615.

Construction #3: Concrete (new): The deck is primed with an ASTM D-41 primer at 1 gal/sq (0.4 L/m²). Minimum 1.5 in. (38 mm) thick ENRGY 3, Pyrox, H-Shield, IKOTerm, ACFoam-II or Hy-Therm AP insulation is adhered with Millennium adhesive in ¾ in. (19 mm) ribbons 12 in. (305 mm) o.c. An ASTM D-41 primer or HyPrime is applied at 1 gal/sq (0.4 L/m²). A 1 or 2 ply roof cover is then installed per Construction #1. Meets Class 1-75.

IB Roof Systems Box 773 Pleasant Hill OR 97455

Roof Cover:	IB Membrane
Deck:	Cementitious Wood Fiber, Concrete, Gypsum Reroof, Steel, Recover (max 1 in. [25 mm] additional insulation for steel or wood)
Laps:	4 in. (102 mm) laps, heat welded
Application:	Mechanically attached
Hail Rating:	Class 1-SH
ASTM E 108:	Class A noncombustible deck at 2 in 12 slope.

Construction #1: Concrete, Recover, Steel, Permagrip Board, GAFTEMP Recover Board, GAFTEMP Permalite Recover Board, Insul-Roof, Permalite Recover Board, Retro-Fit Board, Celotherm, ConPerl, GAFTEMP Permalite, Permalite, Fesco Board, Fesco Board (Europe), Fesco Board V, Armor-R Glass (Standard and Wide Flute), Standard and Wide Flute Fiberglass Roof Insulation, Standard and Wide Flute Fiber Glass Roof Insulation, Fiber Glass Roof Insulation (Standard and Wide Flute), Armor Board High Density, BP High Strength, ERS Redi-Deck, Fiber Top C, E, S, GAFTEMP High Density, Roof Insulation Board, Knight-Celotex High Density Fiberboard Roof Insulation, Fiber Base HD1, HD6, Structodek, Armor Board Regular, Esgard, Knight-Celotex Premium Fiberboard Roof Insulation, GAFTEMP Fiberboard, Huebert Fiber-board, Kop-R Wood Fiber, Hy-Tec, Pyrox, WHITE LINE, ENRGY 2, ENRGY 3, PSI-25, HCS 2000, Multi-Max, Thermarof Plus, ACFoam-II, "ISO 95+ "GL, Ultragard, Composite F.M., Thermarof TR26 FM, Paratherm Foil FM, Styrofoam (see DOW listing) is presecured to the deck. Roof cover is applied over the insulation and fastened to the deck with IB 2 in. (51 mm) dia. barbed plates and #14 screws spaced at 12 in. (304 mm) o.c. along the roof cover securing tabs or lap in rows 64 in. (1.6 m) apart. Laps are then sealed. Meets Class 1-60.

Construction #2: Concrete, Steel, Recover. Insulation as shown in Construction #1 is presecured to the deck. Roof cover is applied over the insulation and fastened to the deck with IB 2 in. (51 mm) dia. barbed plates and #14 screws spaced at 6 in. (152 mm) o.c. along the roof cover securing tabs or lap in rows 68 in. (1.7 m) apart. Laps are then sealed. Meets Class 1-90.

Construction #3: Cementitious Wood Fiber, Gypsum Reroof. Insulation (optional) listed in Construction #1 above, presecured to deck with Powerlite fasteners and Powerlite 3 in. Insulation Plates. Roof cover secured to deck through insulation if present and existing Class 1 roof assembly if present with Powerlite fasteners (min embedment 2 in. [50 mm]) and Powerlite Lap Plates 6 in. (152 mm) o.c. at roof cover side laps or securing tabs. Meets Class 1-60 with cover side lap or securing tab spacing max 68 in. (1.5 m) o.c. Meets Class 1-90 with roof cover side lap or securing tab spacing max 48 in. (1.2 m) o.c.

Construction #4: Insulation as shown in Construction #1 is presecured to the deck. Roof cover is applied over the insulation and fastened to the deck with IB 2 in. (51 mm) dia. barbed plates and #14 screws spaced 18 in. (457 mm) o.c. along the roof cover securing tabs or lap in rows 48 in. (1.2 m) apart. Laps are then sealed. Meets Class 1-90.

Construction #5: Cementitious Wood Fiber, Gypsum Reroof. Insulation listed in Construction #1 above presecured to deck with fasteners Approved for the specific deck type. Roof cover secured to the deck through the insulation and, if present, existing Class 1 roof assembly with Olympic N.T.B. Magnum Fasteners (min embedment 2 in. [51 mm]) applied along the roof cover side laps as follows:

Fastener	Fastener/Max Lap Spacings (o.c.)	Classification
N.T.B. Magnum with 2 in. (51 mm) Head	6 in. (0.15 m)/57 in. (1.4 m)	Meets Class 1-90
N.T.B. Magnum with 2 in. (51 mm) Head	9 in. (0.22 m)/57 in. (1.4 m)	Meets Class 1-60
N.T.B. Magnum with 1 in. (25 mm) Head and Spin Weld Plate or 2 in. (51 mm) N.T.B. Metal Barbed Plate	6 in. (0.15 m)/72 in. (1.8 m)	Meets Class 1-60

Construction #6: Steel. Insulation as shown in Construction #1 above, is presecured to either 18, 20, or 22 ga. (MSG) [0.0474, 0.0358 or 0.0295 in. (1.2040, 0.9093 or 0.7493 mm)] thick, 1.5 in. (38 mm) deep, steel roof deck meeting ASTM Designation A611 Grade E or ASTM Designation A653 Grade 80. Mill certification stating that the steel deck meets one of the above ASTM grade designations is required. The certification shall be provided to the building owner or his designated representative. Roof cover is applied over the insulation and fastened to the deck with IB HP-1 or HP-2 Fastening System spaced at 18 in. (457 mm) o.c. along the roof cover securing tabs or lap in rows 67.5 in. (1.7 m) apart. Laps are then sealed. Meets Class 1-60.

Construction #7: Steel. Insulation as shown in Construction #1 above, is presecured to the steel deck, same as Construction #6 above. Roof cover is applied over the insulation and fastened to the deck with IB HP-1 Fastening System spaced at 12 in. (305 mm) o.c. along the roof cover securing tabs or lap in rows 67.5 in. (1.7 m) apart. Laps are then sealed. Meets Class 1-90.

Construction #8: Steel. Insulation as shown in Construction #1 above, is presecured to the steel deck, same as Construction #6 above. Roof cover is applied over the insulation and fastened to the deck with IB HP-2 Fastening System spaced at 12 in. (305 mm) o.c. along the roof cover securing tabs or lap in rows 67.5 in. (1.7 m) apart. Laps are then sealed. Meets Class 1-105.



Roof Cover:	IB Membrane	
Deck:	Steel, Concrete, Recover	
Laps:	4 in. (102 mm) laps, heat welded	
Application:	Fully Adhered with IB Bonding Adhesive or Pliobond 1745 or 1746 applied at 60 ft ² /gal (1.5 m ² /L) to both surfaces Pliobond 7008 at a rate of 280 ft ² /gal (7 m ² /L) to substrate only. Pliobond 1745, 1746 and 7008 for use with non-aluminum foil faced polyisocyanurate insulations only.	
Hail Rating:	Class 1-SH	
ASTM E 108:	Noncombustible deck rating at Max slope of 2 in 12 as follows:	
	<i>Adhesive</i>	<i>Rating</i>
	Pliobond 7008, 1745 or 1746	B
	All others	A

Construction #1: Min 1.3 in. (33 mm) thick ACFoam-II, Hy-Therm AP Roof Insulation or Hy-Therm(a) AP Roof Insulation or min 1.5 in. (38 mm) thick Multi-Max FA [all 4x4 ft (1.2x1.2 m) boards] are secured to the deck with fasteners applied at 3.2 ft² (0.3 m²) max contributory area per fastener for Class 1-60 or at 2 ft² (0.19 m²) for Class 1-90. The roof cover is adhered to the insulation and the laps sealed.

Fasteners: 1) Dekfast Stainless Steel with 3 in. Round plate; #12, #14 Dekfast or Omega with Lock or Hex Plate; Dekfast #15 HS with Lock Plate; HWH Dekfast with #12 Hex Plate. 2) Olympic #10, Olympic Standard, Olympic Heavy Duty, Stainless #12, Hex Head #12, #14, Iron-Lok or Strap Toggle with Standard, G-2 or Olympic plate; Olympic Standard or Olympic Heavy Duty with LGP. 3) Rawl #12, #14, Speed-Lock Toggle Bolt, Rawl Drive or Spike, with Rawl 3 in. Insulation Plate. 4) Tru-Fast CF, TP, DP, Ultra S.S., HD or DL with MP-3 or Plastic plate, Tru-Fast DP-H with MPH-3; Tru-Fast PA System.

Construction #2: Min 2.0 in. (51 mm) thick ACFoam-II, Hy-Therm AP Roof Insulation or Hy-Therm(a) AP Roof Insulation or min 1.5 in. (38 mm) thick Multi-Max FA [all 4x4 ft (1.2x1.2 m) boards] are secured to the deck with fasteners shown in Construction #1 applied at 4 ft² (0.37 m²) max contributory area per fastener. The roof cover is adhered to the insulation and the laps sealed. Meets Class 1-90.

Construction #3: Concrete new or recover. Min 1.3 in. (33 mm) thick ACFoam-II, Hy-Therm AP Roof Insulation or Hy-Therm(a) AP Roof Insulation to min 1.5 in. (38 mm) thick Multi-Max FA is adhered to the deck with asphalt. The roof cover is adhered to the insulation and the laps sealed. Meets Class 1-90.

Roof Covers:	IB CPA
Decks:	Concrete, recover, steel.
Laps:	5 in. (127 mm) wide, outside 1½ in. (38 mm) heat welded.
Application:	Mechanically fastened.
Hail Rating:	Class 1-SH.
ASTM E 108:	Class A over noncombustible decks at 2 in 12.

Construction #1: Steel. Approved steel deck meeting ASTM Designation A611 Grade E or ASTM Designation A653 Grade 80 (Mill certification to the building owner or designated representative required) installed per the steel deck listing. Min 1.3 in. (33 mm) thick ACFoam-II or ACFoam-III or min 1.4 in. (36 mm) thick Pyrox, ENRGY 2, ENRGY 3 polyisocyanurate roof insulation presecured (see preliminary insulation fastening in Chapter 1) to the deck. Roof cover secured through the insulation to the deck with IB HP-1 Fastening System, Olympic XHD Fasteners & Olympic XHD Seam Plates, IB HP-2 Fastening System or Dekfast #15 HS Fasteners max 12 in. (305 mm) o.c. in roof cover side laps spaced max 67 in. (1700 mm) apart. Meets Class 1-90.

Construction #2: Steel. 18, 20 or 22 ga. [0.0474, 0.0358 or 0.0295 in. (1.20, 0.91 and 0.75 mm)] thick, 1.5 in. (38 mm) deep, Approved steel deck meeting ASTM Designation A611 Grade E or ASTM Designation A653 Grade 80 (Mill certification to the building owner or designated representative required) secured to min 0.25 in. (6 mm) thick structural steel supports spaced max 6 ft 0 in. (1830 mm) o.c. with ITW Buildex Teks 4 or Teks 5 fasteners max 6 in. (150 mm) o.c. at each support. Deck side laps secured with ITW Buildex Teks 1 fasteners max of 30 in. (760 mm) o.c. Insulation installed as in Construction #1 above. Roof cover secured through insulation to deck with IB HP-1 Fastening System, Olympic XHD Fasteners & Olympic XHD Seam Plates, IB HP-2 Fastening System or Dekfast #15 HS Fasteners max 6 in. (150 mm) o.c. in roof cover side laps spaced max of 67 in. (1700 mm) apart. Meets Class 1-120.

Construction #3: Steel. Approved steel deck installed per the steel deck listing. FM Approved vapor retarder or minimum 0.004 in. (0.1 mm) thick polyethylene sheet loose laid over the deck. Min 1.5 in. (38 mm) thick ACFoam-II, ACFoam-III, Pyrox, ENRGY 2 or ENRGY 3 polyisocyanurate roof insulation secured through vapor retarder to deck with one IB Insulation Plate, Dekfast Hex Plate, Dekflat Insulation Plate or Olympic Standard insulation plate and fastener Approved for use with the insulation plate and steel deck per 2.0 ft² max contributory area per insulation plate and fastener. Roof cover is secured through insulation and vapor retarder to deck with IB HP-1 Fastening System, Olympic XHD Fasteners & Olympic XHD Seam Plates, IB HP-2 Fastening System or Dekfast #15 HS Fasteners in roof cover side laps spaced max 67 in. (1700 mm) apart. Meets Class 1-60 with fasteners and plates max of 12 in. (305 mm) o.c. Meets Class 1-90 with fasteners and plates max of 6 in. (150 mm) o.c.

Construction #4: Recover over steel. 1 in. (25 mm) thick ACFoam-II, Pyrox, ENRGY 2 or ENRGY 3 polyisocyanurate roof insulation presecured (see preliminary insulation fastening in Chapter 1) through existing Class 1 roof construction to existing Approved steel deck meeting ASTM Designation A611 Grade E or ASTM Designation A653 Grade 80 (Mill certification to the building owner or designated representative required) that was installed per the steel deck listing. Roof cover installed as in Construction #1 above. Meets Class 1-90.

Construction #5: Recover over steel. 1 in. (25 mm) thick ACFoam-II, Pyrox, ENRGY 2 or ENRGY 3 polyisocyanurate roof insulation presecured (see preliminary insulation fastening in Chapter 1) through existing Class 1 roof construction to existing 18, 20 or 22 ga. [0.0474, 0.0358 or 0.0295 in. (1.20, 0.91 and 0.75 mm)] thick, 1.5 in. (38 mm) deep, Approved steel deck meeting ASTM Designation A611 Grade E or ASTM Designation A653 Grade 80 (Mill certification to the building owner or designated representative required) that was installed as required in Construction #2 above. Roof cover installed as in Construction #2 above. Meets Class 1-120.

Construction #6: Concrete, recover over concrete. Min 1.0 in. (38 mm) thick ACFoam-II, Pyrox, ENRGY 2 or ENRGY 3, min 1.3 in. (33 mm) thick ACFoam-III polyisocyanurate roof insulation presecured (see preliminary insulation fastening in Chapter 1) through existing Class 1 roof construction, if present, to structural concrete deck.

Trade Name:	Kwik-Pro #12 Roof Screw
Material:	Carbon Steel Tru-Cote PC-3 (black)
Size:	#12, 1 $\frac{1}{8}$ to 12 in. (4.1 to 30.5 cm)
Drive Head:	#3 Phillips Recess
Plates:	Kwik-Pro Steel or Plastic
Decks:	Steel, Wood
Trade Name:	Kwik-Pro #14 Roof Screw
Material:	Carbon Steel Tru-Cote PC-3 (black)
Size:	#14, 1 $\frac{1}{2}$ to 12 in. (3.8 to 30.5 cm)
Drive Head:	#3 Phillips
Plates:	Kwik-Pro Steel or Plastic
Decks:	Concrete ($\frac{3}{16}$ in. pilot hole), Steel, Wood
Trade Name:	Kwik-Pro #12 H Roof Screw
Material:	Carbon Steel Tru-Cote PC-3 (black)
Size:	#12, 1 $\frac{1}{4}$ to 12 in. (3.2 to 30.5 cm)
Drive Head:	$\frac{1}{4}$ in. Hex Washer
Plates:	Kwik-Pro 3 GH Pressure Plate
Decks:	Steel, Wood
Trade Name:	Kwik-Pro PA
Material:	Kwik-Pro #12 H Screw and Kwik-Pro 3GH Pressure Plate

Huber + Suhner AG Waterproofing Systems CH-8330 Pfäffikon ZH Switzerland

Systems

Trade Name:	Olympic XHD Fastening System, Includes 2 $\frac{3}{8}$ in. (60 mm) dia. round \times 0.038 in. (0.97 mm) thick steel galvalume AZ-55 barbed plate and #15 dia. \times 2-14 in. (51-356 mm) screw with #3 Philips drive head for use in steel deck
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IB Roof Systems 2877 Chad Dr Suite B Eugene OR 97408

Stress Plates

Trade Name:	IB Insulation Plate
Material:	Steel, Galvalume AZ 50
Size:	2 $\frac{7}{8}$ \times 3 $\frac{1}{4}$ in. (73 \times 83 mm) round \times 0.018 in. (0.46 mm)
Fasteners:	IB #14, #15 Heavy
Trade Name:	IB Membrane Plate
Material:	Steel, Galvalume AZ 55, CR-10 coated or uncoated
Size:	2 in. (51 mm) dia. round
Fasteners:	IB #14, #15 Heavy

Fasteners

Trade Name:	IB #14
Material:	Carbon Steel, Senti (black)
Size:	#14 dia. by 14 in. (356 mm) max length
Drive Head:	#3 Phillips
Plates:	IB Insulation Plate or Membrane Plate
Decks:	Concrete, Steel, Wood
Trade Name:	IB #15 Heavy
Material:	Carbon Steel, Senti (black)
Size:	15 dia. by 8 in. (203 mm) max length
Drive Head:	#3 Phillips
Plates:	IB Insulation Plate or Membrane Plate
Decks:	Concrete, Steel, Wood

System

Trade Name:	IB HP-1 Fastening System, Includes 2 $\frac{3}{8}$ in. (60 mm) dia. round \times 0.038 in. (0.97 mm) thick steel galvalume AZ 55 barbed plate and #15 dia. \times 2-14 in. (51-356 mm) screw with #3 Philips drive head for use in steel deck.
Trade Name:	IB HP-2 Fastening System, Includes 2 $\frac{1}{2}$ in. (64 mm) dia. round \times 0.036 in. (0.91 mm) thick steel galvalume AZ 50 barbed plate and #15 dia. \times 1 $\frac{1}{4}$ -14 in. (32-356 mm) screw with #3 Philips drive head for use in steel deck.

ITW Buildex Corp 1349 W Bryn Mawr Ave Itasca IL 60143

Stress Plates

Trade Name:	Maxload 3" Seam Plate
Material:	Steel, Galvalume AZ 55 with eye hook
Size:	3 in. (75 mm) dia. round
Fasteners:	Maxload Fastener
Trade Name:	Recessed Metal Plate
Material:	Steel, Galvalume AZ 50
Size:	3 in. (76 mm) square \times 0.018 in. (0.46 mm)
Fasteners:	#14-10 Roofgrip, $\frac{1}{4}$ dia. Roofgrip, Hextra

Trade Name: GenFlex RM Fleeceback Bonding Adhesive
 Type: Water based
 Roof Covers: GenFlex RM-FB
 Use: Apply to substrate

Trade Name: GenFlex Bonding Adhesive (S)
 Type: Solvent
 Roof Covers: GenFlex II FR, GenFlex II, GenFlex FRM II, GenFlex Grey, Charcoal Black, Black and White TPO
 Use: Apply to substrate and bottom of roof cover

Henry Company, Bakor Inc, Subsidiary of Henry Company, 2911 Slauson Ave, Huntington Park CA 90255

Trade Name: #403 Spray Grade Cold-Ap Cement
 Type: Solvent based cold applied asphalt
 Roof Covers: Asphalt coated base sheets
 Use: Apply to substrate

Trade Name: Henry #902 #903, MBA Gold
 Type: Solvent based cold applied asphalt
 Roof Covers: Modified Bitumen
 Use: Apply to substrate

Trade Name: SEBS 890-12, Bakor 890-12
 Type: Asphalt blend
 Roof Covers: Henry Modified bitumens
 Use: Ply adhesive applied in the same manner as hot asphalt

W P Hickman Systems Inc 30700 Solon Industrial Pkwy Solon OH 44139

Trade Name: BUR Plus 505
 Type: Modified Coal Tar
 Roof Covers: Hickman BUR Plus Assemblies
 Use: Apply to substrate

Trade Name: BUR Plus 606
 Type: Modified Asphalt
 Roof Covers: Hickman BUR Plus Assemblies
 Use: Apply to substrate

Trade Name: Multi-Ply Adhesive
 Type: SBS polymer modified asphalt adhesive
 Roof Covers: Modified Bitumen
 Use: Cold applied by roller, brush or squeegee

Honeywell International Inc 2000 Regency Pkwy Suite 255 Cary NC 27511

Trade Name: Millennium Adhesive
 Type: Coal tar based
 Roof Covers: Millennium BS, SM, GMC GMC-FR
 Use: Apply to substrate

Huber + Suhner AG Waterproofing Systems CH-8330 Pfaffikon ZH Switzerland

Trade Name: TACC LA432
 Type: Solvent
 Roof Covers: Sucoflex-132
 Use: Apply to substrate and the underside of the roof cover

IB Roof Systems Box 773 Pleasant Hill OR 97455

Trade Name: IB Bonding Adhesive
 Type: Solvent based contact adhesive
 Roof Covers: IB Membrane
 Use: Applied to substrate and underside of roof cover

Imperial Adhesives Inc 6315 Wiehe Rd Cincinnati OH 45237

Trade Name: LAW6948 VETAK Bonding Adhesive
 Type: Water based
 Roof Covers: Sure-Seal Standard or FR, Mule-Hide Standard or FR
 Use: Applied to substrate only or applied to both roof cover and substrate

Trade Name: 3781Y Bonding Adhesive
 Type: Water based
 Roof Covers: GenFlex EPDM
 Use: Applied to both roof cover and substrate

International Diamond Systems Inc 5110 Angola Rd Toledo OH 43615

Trade Name: International Bonding Adhesive
 Type: Neoprene based bonding adhesives
 Roof Covers: 0.045, 0.060 International F1 and F2, Black
 Use: Apply to substrate and bottom of roof cover

IB Roof Systems Box 773 Pleasant Hill OR 97455

Trade Name: IB Membrane
Type: Polyester reinforced, modified PVC
Thickness: 0.040-0.042 in. (1.0-1.1 mm)
Use: Mechanically attached or fully adhered

Trade Name: IB CPA
Type: Nitrile modified polymer coated polyester fabric
Thickness: 0.040 to 0.080 in. (1.0 to 2.0 mm)
Use: Mechanically attached

Imper Italia SpA, Rubberfuse Division, Strada di Lanzo 131, 10148 Torino, Italy

Roof Cover: Sintofoil RC/FR
Type: TPO Polypropylene (polyester/glass reinforced)
Thickness: 0.047 in. (1.2 mm)
Use: Mechanically attached

Roof Cover: Sintofoil ST/FR
Type: TPO Polypropylene (non reinforced)
Thickness: 0.047 in. (1.2 mm)
Use: Mechanically attached

International Diamond Systems Inc 5110 Angola Rd Toledo OH 43615

Trade Name: International White EPDM 0.045 or 0.060 F-1 (Fire rated) and F-2 (Standard)
Type: Non-reinforced EPDM
Thickness: 0.045 in. (1.1 mm) or 0.060 in. (1.5mm)
Use: Mechanically attached or fully adhered

Trade Name: International Black EPDM 0.045 or 0.060 (Fire rated) and F-2 (Standard)
Type: Non-reinforced EPDM
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm)
Use: Mechanically attached or fully adhered

International EPDM Rubber Roofing Systems 5110 Angola Rd Toledo OH 43615

Trade Name: International White EPDM 0.045 or 0.060 F-1 (Fire rated) and F-2 (Standard)
Type: Non-reinforced EPDM
Thickness: 0.045 in. (1.1 mm) or 0.060 in. (1.5mm)
Use: Mechanically attached or fully adhered

Trade Name: International Black EPDM 0.045 or 0.060 (Fire rated) and F-2 (Standard)
Type: Non-reinforced EPDM
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm)
Use: Mechanically attached or fully adhered

Johns Manville Corp, Roofing Systems Group, Box 5108 Denver CO 80217

Trade Name: UltraGard EPDM .045FR, UltraGard EPDM .060FR,
UltraGard EPDM .045FR Plus, UltraGard EPDM .060FR Plus
Type: Black EPDM, unreinforced
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm)
Use: Mechanically attached, fully adhered

Trade Name: UltraGard EPDM .045R, UltraGard EPDM .060R
UltraGard EPDM .045R FR, UltraGard EPDM .060R FR
Type: Black EPDM, polyester reinforced
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm)
Use: Mechanically attached, fully adhered

Trade Name: UltraGard White EPDM
Type: White EPDM, unreinforced
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm) EPDM
Use: Fully adhered

Trade Name: SRT, SRT Extra
Type: Polyester reinforced ethylene-propylene copolymer (TPO) white or colored, black on bottom side
Thickness: 0.045, 0.060, 0.072 or 0.080 in. (1.1, 1.5, 1.8 or 2.0 mm)
Use: Mechanically attached, fully adhered

Trade Name: SRT GSD
Type: Polyester reinforced ethylene-propylene copolymer white or grey top side, black on bottom side
Thickness: 0.045 or 0.060 in. (1.1 or 1.5 mm)
Use: Mechanically attached, fully adhered

Trade Name: UltraGard PVC S-60
Type: PVC Based
Thickness: 0.060 in. (1.5 mm)
Use: Mechanically attached