



Insulations and Cover Boards

Product	Use	Description	System(s) [†]		Size	Standard
			SP	Bit		
ENRGY 3 [®]	High Thermal	A rigid, polyisocyanurate roof insulation faced with a universal fiber glass reinforced facer for BUR, modified bitumen and single ply systems.	x	x	1" - 4" (25 - 102 mm)	ASTM C 1289, Type II, Class 1, Grade 2
Tapered ENRGY 3 [®]	High Thermal	A high-thermal, tapered, polyisocyanurate roof insulation panel designed to provide slope to an otherwise flat roof deck.	x	x	1/8" - 1/2" per foot (10.4 - 41.6 mm/m)	ASTM C 1289, Type II, Class 1, Grade 2
ENRGY 3 [®] 25 PSI	High Thermal	A rigid roof insulation board composed of a closed cell polyisocyanurate foam core. It provides high thermal insulation value over metal, nailable and non-nailable roof decks in built-up, modified bitumen and single ply systems. Also available as tapered panels, and pre-cut miters and/or crickets.	x	x	1" - 4" (25 - 102 mm)	ASTM C 1289, Type II, Class I, Grade 3
Tapered ENRGY 3 [®] 25 PSI	High Thermal	A high-thermal, tapered, polyisocyanurate roof insulation designed to provide slope to an otherwise flat roof deck.	x	x	1/16" - 1/2" per foot (5.2 - 41.6 mm/m)	ASTM C 1289, Type II, Class I, Grade 3
ENRGY 3 [®] Foil Face	High Thermal	A rigid, polyisocyanurate foam core bonded to a tri-lam foil facer on both sides.	x	x	1" - 3 1/2" (25 - 89 mm)	ASTM C 1289, Type I, Class I, Grade 2
ENRGY 3 [®] 25 PSI Foil Face	High Thermal	A rigid, polyisocyanurate foam core bonded to a tri-lam foil facer on both sides.	x	x	1" - 4" (25 - 102 mm)	ASTM C 1289, Type I, Class I, Grade 3
ENRGY 3 [®] AGF	High Thermal	A rigid polyisocyanurate roof insulation bonded in the foaming process to an all glass facer.	x	x	1" - 4" (25 - 102 mm)	ASTM C 1289, Type II, Class 3, Grade 2
Tapered ENRGY 3 [®] AGF	High Thermal	A rigid tapered polyisocyanurate roof insulation bonded in the foaming process to an all glass facer.	x	x	1/16" - 1/2" per foot (5.2 - 41.6 mm/m)	ASTM C 1289, Type II, Class 3, Grade 2
ENRGY 3 [®] 25 PSI AGF	High Thermal	A rigid polyisocyanurate roof insulation bonded in the foaming process to an all glass facer.	x	x	1" - 4" (25 - 102 mm)	ASTM C 1289, Type II, Class 3, Grade 3
Tapered ENRGY 3 [®] 25 PSI AGF	High Thermal	A rigid tapered polyisocyanurate roof insulation bonded in the foaming process to an all glass facer.	x	x	1/16" - 1/2" per foot (5.2 - 41.6 mm/m)	ASTM C 1289, Type II, Class 3, Grade 3
ENRGY 3 [®] Plus	High Thermal	A rigid roof insulation composed of a closed cell polyisocyanurate foam core bonded to a 1/2" high density wood fiber board on one side and a fiber-reinforced facer on the other. Compatible with virtually all roof covering membranes.	x	x	48" x 48" (1220 x 1220 mm) 48" x 96" (1220 x 2440 mm)	ASTM C 1289, Type IV
Tapered ENRGY 3 [®] Plus	High Thermal	A rigid, tapered roof insulation composed of a closed cell polyisocyanurate foam core bonded to a 1/2" high-density wood fiber board on one side and a fiber-reinforced facer on the other. Compatible with virtually all roof covering membranes.	x	x	48" x 48" (1220 x 1220 mm) 48" x 96" (1220 x 2440 mm)	ASTM C 1289, Type IV
Tapered Pre-Cut Crickets	High Thermal	Factory-cut and custom-designed crickets manufactured from Tapered ENRGY 3 or Tapered Fesco Foam panels to direct water to a drain or scupper.	x	x	—	ASTM C 1289
Tapered Pre-Cut Mitters	High Thermal	Two separate Tapered ENRGY 3 or Tapered Fesco Foam roof insulation panels factory cut at a 45° angle to form a hip or valley to direct water to a low point on a tapered roof system.	x	x	1/8" - 1/2" per foot (10.4 - 41.6 mm/m)	ASTM C 1289

[†] System(s): SP = Single Ply; Bit = Bituminous

Product	Use	Description	System(s) [†]		Size	Standard
			SP	Bit		
Fesco Foam [®]	High Thermal with Cover Board	A rigid insulation composed of a layer of perlite board, chemically bonded to a faced, polyisocyanurate board for use in BUR and modified bitumen systems.		x	1½" - 4" (38 - 102 mm)	ASTM C 1289, Type III
Tapered Fesco Foam [®]	High Thermal with Cover Board	A high-thermal, tapered, polyisocyanurate and perlite-composite roof insulation designed to provide slope to an otherwise flat roof deck.		x	⅛" - ½" per foot (10.4 - 41.6 mm/m)	ASTM C 1289, Type III
DuraFoam [®]	High Thermal with Cover Board	A rigid insulation composed of a closed cell polyisocyanurate foam core bonded to an expanded perlite mineral aggregate board.		x	1½" - 4" (38 - 102 mm)	ASTM C 1289, Type III
Nailboard [®]	High Thermal with Cover Board	A rigid insulation composed of a layer of oriented strand board on one side and a universal fiber glass-reinforced facer on the other for use in BUR, modified bitumen and metal roofing systems.	x	x	2" - 4½" (5.1 - 114 mm)	ASTM C 1289, Type V
Vented Nailboard [®]	High Thermal with Cover Board	A rigid insulation attached with spacers to layer of oriented strand board on one side and a universal fiber glass-reinforced facer on the other for use in BUR, modified bitumen and metal roofing systems.	x	x	2½" - 5½" (6.35 - 140 mm)	ASTM C 1289, Type V
Invinsa [™] Roof Board	Cover Board	Resilient, lightweight roof board provides a protective layer for the insulation, while working with the membrane above to ensure maximum performance and longevity. This high-density polyisocyanurate board is bonded in-line to a mineral-surfaced fiber glass facer. For use in self-adhering systems.	x	x	¼" (6 mm)	ASTM C 1289
Fesco [®] Board	Low Thermal with Cover Board	A premium, homogeneous, perlite-based, roof insulation board for use in BUR, modified bitumen and single ply roofing systems.		x	¾" - 2" (19 - 51 mm)	ASTM C 728
Tapered Fesco [®] Board	Low Thermal with Cover Board	A perlite-based, tapered roof insulation designed to provide slope to an otherwise flat roof deck.		x	⅛" - ½" per foot (5.2 - 41.6 mm/m)	ASTM C 728
Fesco [®] Board HD	Cover Board	A high-density, homogeneous, perlite-based roof insulation board, the top surface of which is sealed with a special TopLoc [®] coating to prevent excessive asphalt absorption (special order product).		x	1" (25 mm)	ASTM C 728
½" Retro-Fit [™] Board	Cover Board	A high-density, perlite-based utility board used in re-cover situations or as a cover board for closed cell plastic foam insulation boards.		x	½" - 1" (13 - 25 mm)	ASTM C 728
RetroPlus [™]	Cover Board	A high-density, perlite-based utility board used in re-cover situations or as a cover board for closed cell plastic foam insulation boards.	x	x	½" - 1" (13 - 25 mm)	ASTM C 728
DuraBoard [®]	Cover Board	A perlite-based roof insulation, the top surface of which is sealed with a polymerized asphalt emulsion to allow torch application of SBS and APP membranes.		x	½" - 1" (13 - 25 mm)	ASTM C 728
FesCant Plus	Cant Strip	A perlite-based, fire-resistant cant strip for use in BUR and modified bitumen systems.		x	—	ASTM C 728
Tapered Fesco [®] Edge Strip	Tapered Edge	A perlite-based, fire-resistant, tapered edge strip for use in BUR and modified bitumen systems.	x	x	—	ASTM C 728

[†] System(s): SP = Single Ply; Bit = Bituminous