

CertainTeed

# Commercial Roof Systems

2014 SELECTION GUIDE



Primer



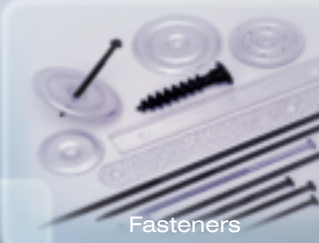
Insulation



Self-Adhering SBS Modified Bitumen



SBS Modified Bitumen



Fasteners



**CertainTeed**  
SAINT-GOBAIN

# Make the right choice



## Experts in commercial roofing

CertainTeed is a leading manufacturer of commercial and residential roofing products and is a division of Saint-Gobain, the world's largest manufacturer of building materials. Saint-Gobain ranks among the world's top 100 industrial corporations, operating through a global network of more than 600 companies in more than 64 countries.

A quality roof depends on two essential elements: excellent materials and superior workmanship. CertainTeed has been one of North America's leading roofing material manufacturers for over 100 years.

## Our history

Since its inception in 1904 as the General Roofing Manufacturing Company, CertainTeed Corporation has been an innovator in the commercial roofing business. From introducing its organic rag felt built-up systems in 1904 to pioneering Certaglas fiber glass roofing systems in 1980, CertainTeed has provided quality, durable, sustainable membrane roofing systems with proven performance. Through acquisition of such companies as GS Roofing Products (GENSTAR-FlintKote) and Celotex Roofing (Barrett and Phillip Carey) the tradition extends back to 1888, making CertainTeed a forerunner in the bituminous roofing market.

Today, under its Flintlastic® label, CertainTeed offers a complete line of hot asphalt, cold process, torch welded and self-adhered systems providing a wide array of APP and SBS modified bitumen roofing choices and built-up roofing options for the applicator and the designer. Accessory products such as FlintBoard™ insulation, FlintFast™ fasteners and FlintCoat™ adhesives and coatings complement this offering to provide total system protection that you can depend on. CertainTeed's innovative CoolStar™ granulated Flintlastic modified bitumen and Flintglas® built-up roofing cap sheets offer the latest technology in reflective roofing materials to meet the most stringent of energy conservation and environmental codes.

## Innovative solutions



CertainTeed leads the way in smart, energy-saving products that help you meet new building standards. For instance, our CoolStar™ products with solar-reflective surfaces



meet ENERGY STAR® and initial California Title 24 requirements, and offer several installation advantages.

## Workmanship is key

To help assure the best possible workmanship for your commercial roof installation, CertainTeed has established the Gold and Silver Star Contractor programs. These programs offer the building owner a selection of highly credentialed roofing contractors who have met the strictest criteria relating to financial credibility, workmanship history and sound business practices, including proper licenses and appropriate insurance.



## Outstanding warranty options

Only CertainTeed Gold and Silver Star Contractors are eligible to apply for CertainTeed's NDL (No Dollar Limit), warranties on specific roof projects.

## Technical Assistance – We are here to serve you

Commercial roofing is complex and requires significant technical and industry knowledge. CertainTeed's Commercial Territory Managers are trained technical experts available to assist customers at the local level regarding products, materials and systems. In addition to our trained field sales staff, CertainTeed offers its centralized **Technical Services Department** to assist the contractor and building owner regarding system and construction detail installation, code and fire approvals and CertainTeed NDL roof membrane warranty information. To contact Technical Services, call 800-396-8134 Ext, 2 or email at [rpg.comm.services@saint-gobain.com](mailto:rpg.comm.services@saint-gobain.com).

# The Quality Difference

## BUR (Built-Up Roofing)

Traditional built-up roofing (BUR) derives its name from the building of a roof on-site using layers of base sheet, interply sheets and cap sheet or other surfacing such as gravel or liquid coating. Hot asphalt (bitumen) is the bonding and waterproofing agent between layers. BUR is suitable for most low slope roofing applications. The higher the quality of the BUR materials and asphalt used and the greater the number of plies (and separate asphalt moppings), the more superior the roof system.



## APP and SBS modified bitumen

In the 1970s, technological advances in asphalt sciences led to the development of modifiers such as APP (atactic polypropylene) and SBS (styrene-butadiene-styrene) which, when added to unblown (unoxidized) asphalt, impart either plastic (APP) or rubber (SBS) characteristics. These additives provide enhanced performance characteristics to traditional asphalt. When coupled with reinforcements, such as polyester (superior elongation abilities) or fiber glass (high tensile strength), they create high-performance roof membranes.



APP modified bitumen membranes are self-adhering when heated using a roofing torch. SBS modified bitumen membranes can be formulated for torch application, but are more commonly applied using hot asphalt or cold SBS modified bitumen adhesive. The result is a BUR system with significantly enhanced performance capabilities. Continuing improvements in technology have also resulted in self-adhering SBS roof membranes.

When an SBS or APP cap sheet is combined with traditional BUR base sheets and interply sheets, the result is a hybrid roof offering the best of both systems, multiple plies and superior performance and longevity.

Keep the following factors in mind when selecting or specifying a roof system:

- › **Choose the highest possible quality materials from an established manufacturer with an excellent reputation for integrity.** CertainTeed has been manufacturing roofing materials for over 100 years.
- › **Compare similar products.** Evaluate the technical data provided by the manufacturer. Compare the weights, thicknesses and ASTM test results.
- › **Spend the money now on a good roof and avoid reroofing too soon.** Remember, the money saved today on a low cost roofing system will cost more in the long run as poor performance leads to leakage or premature failure.
- › **Consider the manufacturer's warranty.** The length of the warranty term (in years) helps gauge the superiority of the system selected. Generally, the longer the warranty, the better the system. Is a guarantee which covers not only the material but also the contractor's workmanship available for the roof system selected?
- › **Property value.** Is the manufacturer's warranty transferable to a new building owner?
- › **How committed is the roofing material manufacturer willing to be?** Does the manufacturer, as an option to the owner, have an approved contractor program in place? If an enhanced warranty that includes workmanship is selected, will the manufacturer inspect the roof project? With CertainTeed, the answer to all of these questions is yes.
- › **Consider energy costs.** Keep in mind that white mineral surfaced cap sheets, light colored gravel surfacing or roofs coated with reflective roof coating will help reduce interior cooling costs. Consider a CertainTeed cap sheet with CoolStar™ reflective granules.
- › **Choose a system manufacturer.** CertainTeed provides the key elements of the roofing system — insulation, adhesives and coatings, membranes and fasteners.
- › **Consider building code requirements.** Many local and state governments have specific guidelines for specifying roof systems.

# Innovative Products



## Self-Adhering SBS Modified Bitumen Roofing System

CertainTeed Flintlastic® SA is a premium, self-adhering SBS modified bitumen roofing system comprising a nailable base or self-adhering ply base with a top surface designed to accept self-adhering membrane, a self-adhering mid ply and a self-adhering cap sheet. The Flintlastic SA product line is manufactured with premium quality materials, and the roof system specifications have been engineered to provide roofs that offer excellent longevity and performance.

The complete Flintlastic SA roofing system offers a number of advantages:

- › Ease of application
- › No hot asphalt or torches needed for installation
- › Minimal equipment requirements
- › Cleaner work environment

Flintlastic SA products can be used in various system configurations, depending on the roof requirements. For small projects, such as decks, additions and porches, two-ply systems with Flintlastic SA NailBase or Flintlastic SA PlyBase, and Flintlastic SA Cap sheet may be appropriate. For larger roofs and commercial applications, three-ply systems consisting of Flintlastic SA NailBase or Flintlastic SA PlyBase covered with Flintlastic SA Mid Ply and Flintlastic SA Cap sheet are recommended.

## Hybrid Self-Adhering Systems

CertainTeed also offers a variety of hybrid self-adhering systems by which the base layer is self-adhered to the roofing substrate and the subsequent plies or modified cap sheets are installed by traditional methods – torch, mop or cold adhesive.



## Cool Roof Solutions from CertainTeed

**White roofs reflect the sun's heat.**

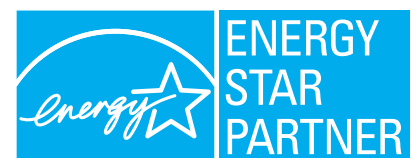
**Black roofs soak it in.**

That's the key advantage offered by a brilliant white CoolStar™ roof surface. In fact, reflective roof products lower roof surface temperatures dramatically. With a cooler roof above, much less heat is absorbed into a building's interior. Cooler interiors translate into greater occupant comfort and lower energy-related costs – and reduced demand for air conditioning can even allow a building owner to buy a smaller, less-expensive cooling system.

CertainTeed's advanced roofing granules reflect sunlight to reduce roof temperatures by up to 20%. In addition to saving energy, cooler roofs reduce the "heat island" effect – a cause of smog, impaired water quality and heat-related illnesses.

### New and Improved CoolStar™

- › Granulated, uncoated finish
- › Handles like standard product – no special installation requirements
- › Low maintenance
- › More consistent
- › More aesthetically pleasing





## CertaSpec™

CertainTeed's comprehensive online roofing specification tool – allows roofing contractors and specifiers to quickly write accurate steep- and low-slope roofing specifications and create job submittal packages. Once specifications are finalized, the system generates submittal package materials that can be printed, emailed or saved electronically.

Live updates are routinely made, keeping the system current and accurate. Includes updated LEED® documentation and technical product information.

- › Produce professional and complete job submittal packages in less than 10 minutes
- › Quickly identify roofing products and systems to fit your job
- › Review commercial construction details and export them into the drawing format of your choice
- › Identify “green” values such as solar reflectance or recycled content for products to be used in your project
- › Produce LEED® letters customized for your project
- › <http://certaspec.certainteed.com>



## Self-Adhering SBS Modified Bitumen

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
Flintlastic® SA NailBase	SBS modified, fiber glass base sheet (not self-adhering) with a unique permanent top surface film	MF, HA	1.5mm (60mils)	82 lbs.	200 sq. ft.	D4601, Type II
Flintlastic® SA PlyBase	Self-adhering, SBS modified, fiber glass base sheet with a unique permanent top surface film	SA	1.5mm (60mils)	86 lbs.	200 sq. ft.	D4601, Type II, D1970
Flintlastic® SA Mid Ply	Self-adhering, SBS modified, heavyduty fiber glass mat reinforced base sheet with a unique permanent top surface film	SA	3.0mm (120mils)	62 lbs.	100 sq. ft.	D6163, Grade S, Type I, D1970
Flintlastic® SA Cap	Self-adhering, SBS modified, polyester/fiber glass scrim combination mat reinforced cap sheet with mineral surfaced cap sheet	SA	4.0mm (160mils)	95 lbs.	100 sq. ft.	D6164, Grade G, Type I, D7505
Flintlastic® SA Cap CoolStar™	Self-adhering, SBS modified, polyester/fiber glass scrim combination mat reinforced cap sheet with reflective CoolStar™ granules	SA	4.0mm (160mils)	98 lbs.	100 sq. ft.	D6164, Grade G, Type I, D7505
Flintlastic® SA Cap FR	Self-adhering, fire-resistant, SBS modified, fiber glass mat reinforced mineral surfaced cap sheet	SA	3.2mm (125mils)	88 lbs.	100 sq. ft.	D6163, Grade G, Type I, UL 2218 Class 4, D7530
Flintlastic® SA Cap FR CoolStar™†	Self-adhering, fire-resistant, SBS modified, fiber glass mat reinforced mineral surfaced cap sheet with reflective CoolStar™ granules	SA	3.2mm (125mils)	90 lbs.	100 sq. ft.	D6163, Grade G, Type I, UL 2218 Class 4, D7530

\*Application Methods: MF = Mechanically Fastened / HA = Hot Asphalt / CA = Cold Asphalt / TA = Torch Applied / SA = Self-Adhering

†Special run. Minimum order quantities may apply.

# SBS Modified Bitumen

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
<b>Base/Interply Sheets</b>						
Flexiglas™ Base Sheet†	SBS modified, fiber glass base sheet	HA, CA, MF	1.2mm (48mils)	90 lbs.	300 sq. ft.	D4601, Type II
Flintlastic® Base 20	Premium fire resistant, SBS modified fiber glass base sheet	HA, CA, MF	2.3mm (92mils)	90 lbs.	150 sq. ft.	D4601, Type II, D6163, Grade S, Type I
Flintlastic® Base 20 T†	Premium fire resistant, SBS modified bitumen, coated fiber glass base sheet	TA, MF	3.0mm (120mils)	81 lbs.	100 sq. ft.	D4601, Type II, D6163, Grade S, Type I
Flintlastic® Poly SMS™ Base Sheet	SBS modified, polyester base sheet	HA, CA, MF	2.0mm (80mils)	90 lbs.	200 sq. ft.	D4601, Type II
Flintlastic® Ultra Poly SMS™ Base Sheet	Premium heavyweight SBS modified, polyester base sheet	TA, HA, CA, MF	3.7mm (148mils)	90 lbs.	100 sq. ft.	D6164, Grade S, Type I
Black Diamond™ Base Sheet	Self-adhering, SBS modified, fiber glass base sheet (for noncombustible decks) with fine particle surfacing	SA	1.5mm (60mils)	78 lbs.	200 sq. ft.	D1970
Flintlastic® Ultra Glass SA	Self-adhering, SBS modified, heavy duty, fiber glass base sheet	SA	3.0mm (120mils)	73 lbs.	100 sq. ft.	D6163, Grade S, Type I, D1970
<b>Cap Sheets</b>						
Flintlastic® FR Dual Cap	Mineral surfaced, fire-resistant, SBS modified bitumen, fiber glass/polyester composite reinforcement	HA, CA	4.3mm (169mils)	103 lbs.	100 sq. ft.	D6162, Grade G, Type I
Flintlastic® FR Cap 30	Mineral surfaced, fire-resistant, SBS modified bitumen, fiber glass cap sheet	HA, CA	3.5mm (140mils)	87 lbs.	100 sq. ft.	D6163, Grade G, Type I
Flintlastic® FR Cap 30 CoolStar™†	Mineral surfaced, fire resistant, SBS modified bitumen, fiber glass cap sheet with reflective CoolStar™ granules	HA, CA	3.5mm (140mils)	88 lbs.	100 sq. ft.	D6163, Grade G, Type I
Flintlastic® FR Cap 30 T†	Mineral surfaced, fire-resistant, SBS modified bitumen, fiber glass cap sheet	TA	4.0mm (160mils)	100 lbs.	100 sq. ft.	D6163, Grade G, Type I
Flintlastic® FR Cap 30 T CoolStar™†	Mineral surfaced, fire-resistant, SBS modified bitumen, fiber glass cap sheet with reflective CoolStar™ granules	TA	4.0mm (160mils)	102 lbs.	100 sq. ft.	D6163, Grade G, Type I
Flintlastic® FR-P	Fire-resistant, SBS modified, polyester, mineral surfaced cap sheet	HA, CA	4.2mm (168mils)	101 lbs.	100 sq. ft.	D6164, Grade G, Type I
Flintlastic® FR-P CoolStar™	Fire-resistant, SBS modified, polyester, mineral surfaced cap sheet with reflective CoolStar™ granules	HA, CA	4.2mm (168mils)	103 lbs.	100 sq. ft.	D6164, Grade G, Type I
Flintlastic® Premium FR-P	Premium, fire-resistant, SBS modified, heavyweight polyester mineral surfaced cap sheet	HA, CA	4.2mm (168mils)	101 lbs.	100 sq. ft.	D6164, Grade G, Type II
Flintlastic® Premium FR-P CoolStar™†	Premium, fire-resistant, SBS modified, heavyweight polyester mineral surfaced cap sheet with reflective CoolStar™ granules	HA, CA	4.2mm (168mils)	103 lbs.	100 sq. ft.	D6164, Grade G, Type II
Flintlastic® GMS	Mineral surfaced, SBS modified, polyester cap sheet	HA, CA	4.0mm (160mils)	94 lbs.	100 sq. ft.	D6164, Grade G, Type I
Flintlastic® GMS CoolStar™	Mineral surfaced, SBS modified, polyester cap sheet with reflective CoolStar™ granules	HA, CA	4.0mm (160mils)	97 lbs.	100 sq. ft.	D6164, Grade G, Type I

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†Special run. Minimum order quantities may apply.

## SBS Modified Bitumen (continued)

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
<b>Cap Sheets</b>						
Flintlastic® GTS-FR	Fire-resistant, SBS modified, heavyweight polyester mineral surfaced cap sheet	TA	4.0mm (160mils)	103 lbs.	100 sq. ft.	D6164, Grade G, Type II
Flintlastic® GTS-FR CoolStar™†	Fire-resistant, Premium, SBS modified, heavyweight polyester mineral surfaced cap sheet with reflective CoolStar™ granules	TA	4.0mm (160mils)	105 lbs.	100 sq. ft.	D6164, Grade G, Type II

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†Special run. Minimum order quantities may apply.

## APP Modified Bitumen

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
<b>Base/Interply Sheets</b>						
Flintlastic® APP Base T	Smooth surfaced fiber glass, reinforced APP	TA	2.0mm (80mils)	100 lbs.	200 sq. ft.	D6509
Flintlastic® STA	Standard smooth surfaced polyester APP; first ply in 2-ply systems or as cap with suitable coating	TA	4.0mm (160mils)	87 lbs.	100 sq. ft.	D6222, Grade S, Type I
<b>Cap Sheets</b>						
Flintlastic® STA	Standard, smooth surfaced polyester APP; first ply in 2-ply systems or as cap with suitable coating	TA	4.0mm (160mils)	87 lbs.	100 sq. ft.	D6222, Grade S, Type I
Flintlastic® GTA	Standard polyester mineral surfaced APP cap sheet	TA	4.2mm (168mils)	105 lbs.	100 sq. ft.	D6222, Grade G, Type I
Flintlastic® GTA CoolStar™	Standard polyester mineral surfaced APP cap sheet with reflective CoolStar™ granules	TA	4.2mm (168mils)	106 lbs.	100 sq. ft.	D6222, Grade G, Type I
Flintlastic® GTA-FR	Polyester mineral surfaced APP cap sheet with fire retardant additives	TA	4.2mm (168mils)	105 lbs.	100 sq. ft.	D6222, Grade G, Type I
Flintlastic® GTA-FR CoolStar™	Polyester mineral surfaced APP cap sheet with fire retardant additives and reflective CoolStar™ granules	TA	4.2mm (168mils)	106 lbs.	100 sq. ft.	D6222, Grade G, Type I

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## BUR (Built-Up Roofing)

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
<b>Base Sheets</b>						
Glasbase™ Base Sheet	Standard fiber glass base sheet	MF, HA, CA	1.0mm (40mils)	75 lbs.	300 sq. ft.	D4601, Type II, UL Type G2
Yosemite® Venting Base Sheet	Heavy duty fiber glass base sheet with embossed channels for venting moisture; ideal for recover applications	MF, HA	2.8mm (110mils)	85 lbs.	100 sq. ft.	D3909, D4897, Type II, UL Type G3
<b>Interply Sheets</b>						
Flintglas® Ply Sheet Type 4	Standard fiber glass ply sheet	HA, CA	0.6mm (24mils)	38 lbs.	500 sq. ft.	D2178, Type IV, UL Type G1
Flintglas® Premium Ply Sheet Type 6	Heavier, premium fiber glass ply sheet	HA, CA	0.8mm (32mils)	40 lbs.	500 sq. ft.	D2178, Type VI, UL Type G1
<b>Cap Sheets</b>						
Flintglas® Mineral Cap Sheet	Fiber glass cap sheet for use over organic or fiber glass base and interply combinations	HA, CA	3.0mm (120mils)	78 lbs.	100 sq. ft.	D3909, UL Type G3
Flintglas® Cap Sheet CoolStar®	Mineral surfaced fiber glass cap sheet with reflective CoolStar® granules	HA, CA	3.0mm (120mils)	80 lbs.	100 sq. ft.	D3909

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## Underlayments

Product Name	Description	Specifications				
		Application Method*	Thickness (Typical)	Weight per Roll	Coverage per Roll	ASTM Reference
All Weather/Empire™ Base Sheet	Heavyweight, SBS modified, fiber glass base sheet, use as tile underlayment	MF, HA, CA	1.8mm (70mils)	70 lbs.	200 sq. ft.	D4601, Type II
MetaLayment™	High-temperature resistant, self-adhering underlayment for use beneath metal roofing	SA	1.5mm (60mils)	54 lbs.	200 sq. ft.	D1970
DryRoof™ TU	Self-adhering underlayment for use beneath foam – applied concrete and ceramic tile	SA	1.5mm (60mils)	50 lbs.	200 sq. ft.	D1970

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## Roofing Insulation and Coverboards

Product Name	Description	Specifications
FlintBoard™ ISO	Features a closed-cell polyiso core laminated to heavy, black (non-asphaltic), fiber-reinforced felt facers	ASTM C1289, Type II
FlintBoard™ ISO-T	Features a tapered design to promote positive drainage	ASTM C1289, Type II
FlintBoard™ ISO Cold	Features a heavy duty facer designed specifically for single ply, COLD applied hybrid BUR and SBS modified bitumen roof systems	ASTM C1289, Type II
FlintBoard™ ISO-T Cold	Features a heavy duty facer and a tapered design to promote positive drainage	ASTM C1289, Type II
FlintBoard™ ISO Plus	Composite roof insulation with foam core laminated to 1/2" perlite with a fiber-reinforced felt facer	ASTM C1289, Type II or Type III
FlintBoard™ ISO-T Plus	Composite roof insulation with a tapered design to promote positive drainage	ASTM C1289, Type II or Type III
FlintBoard™ ISO WF	Composite roof insulation with foam core laminated to 1/2" high density wood fiberboard	ASTM C1289, Type IV
FlintBoard™ ISO-T WF	Composite roof insulation with a tapered design to promote positive drainage	ASTM C1289, Type IV
FlintBoard™ ISO DD	Composite roof insulation with foam core laminated to 1/4" DensDeck	ASTM C1289, Type VII
FlintBoard™ ISO F	Features a closed-cell polyiso core with tri-laminated foil facers on each side	ASTM C1289, Type I
FlintBoard™ ISO NB	Composite roof insulation with foam core laminated to 7/16" or 5/8" OSB Also available bonded to plywood	ASTM C1289, Type IV
FlintBoard™ CV	Cross-ventilating design specifically for use over sloped unventilated roof decks	ASTM C1289, Type V
FlintBoard™ Pre-Cut Crickets	Pre-packaged in triangular sections only (not the entire cricket), each with a right angle to align with CertainTeed's standard 4' x 4' tapered FlintBoard insulation panels	ASTM C1289, Type II

## Fasteners and Insulation Adhesives

Product Name	Description
FlintFast™ #12 Screws	Features sharp drill point and tapered wedge entry, corrosion protection and back-out resistance, available in lengths from 1-5/8" to 8"
FlintFast™ #14 Heavy Duty Screws	Heavy duty drill point fasteners with tapered wedge entry; low-profile head, deep threads; available in lengths from 1-1/2" to 12"
FlintFast™ #15 Extra Heavy Duty Screws	Engineered for lap attachment in higher wind uplift roof assemblies
FlintFast™ 3" Galvalume Metal Insulation Plates	Concave, reinforced circular design with low profile, designed for outer perimeter strength with recess for screw head
FlintFast™ SIPLD Screws	SIP panel fastener, light duty drill point for corrugated steel deck and wood applications
Twin Loc-Nail	For base sheet and insulation attachment to lightweight insulating concrete, cementitious wood fiber, and poured gypsum roof decks
FM Fasteners	For base sheet attachment to lightweight insulating concrete, cementitious wood fiber, and poured gypsum roof decks
Do-All Loc-Nails	Shingle or base ply attachment to Loadmaster and Martin Fireproofing Deck Systems
FlintFast™ TB-75 Termination Bar	.075" thick aluminum termination bar, comes with sealant edge
FlintFast™ TB-90 Termination Bar	.090" thick aluminum termination bar, no sealant edge
ZAMAC Nails	Termination bar anchors
Dow INSTA-STIK™ Adhesive	Single component polyurethane adhesive designed to attach roof insulation to roof decks and substrates
ADCO Millenium One Step™ Foamable Adhesive	One-step, foamable adhesive designed to attach roof insulation to roof decks and substrates

# Edge Metal

Product Name	Description
FlintEDGE™ Coping	The coping utilizes a metal chair that functions as both a gutter chair with its raised ribs and as an internal splice plate in the same color and finish as the coping cap. Standard 20-gauge galvanized steel cleat. For wall sizes 6" to 32". UL Classified to meet the ANSI/SPRI ES-1 Roof Edge Standard.
FlintEDGE™ Coping+	The coping utilizes a metal chair that functions as both a gutter chair with its raised ribs and as an internal splice plate in the same color and finish as the coping cap. A heavy 16-gauge cleat is available for high wind areas. For wall sizes 6" to 32". UL Classified to meet the ANSI/SPRI ES-1 Roof Edge Standard.
FlintEDGE™ Fascia ET	FlintEdge™ Fascia ET extruded aluminum retainer features a wide base flange to securely hold down BUR and modified bitumen roofing plies. UL Classified to meet the ANSI/SPRI ES-1 Roof Edge Standard.
FlintEDGE™ Fascia GG	FlintEdge™ Fascia GG grips the roofing plies without the need for exposed fasteners. Standard face sizes are 6.25", 7.75", 9.25" and 10.75". Custom sizes available upon request. UL Classified to meet the ANSI/SPRI ES-1 Roof Edge Standard.
FlintEDGE™ Fascia GS	FlintEdge™ Fascia GS is a simple formed gravel stop fascia continuous anchor clip with a concealed splice plate at the joints. Three clip styles to choose from. Standard sizes are from 2.5" to 12".
FlintEDGE™ Gutter	FlintEdge™ Gutter is custom sized to meet your special requirements. Designed with internal straps for smooth, clean lines and ease of installation. External hangers are optional.
FlintEDGE™ Downspout	FlintEdge™ Downspouts have a factory offset for concealed joints. Factory fabricated starter tubes are available to help channel water into the downspout. Standard or custom elbows help complete the professional appearance.
FlintEDGE™ Conductor Heads	FlintEdge™ Conductor Heads are factory fabricated in the size and shape to meet your unique requirements. Blanks are cut using Conductor Heads computer-controlled equipment for precise, professional appearance.
FlintEDGE™ Scuppers	FlintEdge™ Scuppers are factory fabricated in the size and shape to meet your unique requirements. Blanks are cut using computer-controlled equipment for precise, professional appearance.
FlintEDGE™ Drain	FlintEdge™ Drain Through Gravel Stop is custom sized to meet your special requirements. Designed with internal straps for smooth, Through Gravel Stop clean lines and ease of installation. External hangers are optional.
FlintEDGE™ Expansion Joint	FlintEdge™ Expansion Joint is a multi-part assembly design to facilitate the horizontal and lateral movement of curbs or roof sections. Roof to Roof – CertainTeed's roof-to-roof expansion joint features a snap-on cap for ease of installation and improved aesthetic appearance. Roof to Wall – CertainTeed's roof-to-wall expansion joint features a metal cap for ease of installation and improved aesthetic appearance.
FlintEDGE™ Reglet and Flashing	FlintEdge™ Concealed Mount Reglet – The surface-mounted wall reglet permits fastener concealment under the continuous snap-on flashing skirt. An attractive and weatherproof counter flashing design. FlintEdge™ In-Wall Drive-Lock Reglet – Two-piece counter flashing system with surface-mounted reglet/receiver punched for fastening 12" o.c. Snap-on metal skirt flashing can be removed for re-roofing or maintenance. FlintEdge™ Surface Mount Reglet – Standard one-piece design. Sections easily overlap for continuous counter flashing of wall terminated roofing. Fast installation. Pre-punched fastener holes at 12" o.c. Custom sizes available upon request. FlintEdge™ Snap-on Face Reglet – Continuous wall retainer bar secures roofing to the wall or blocking with fastener holes 12" o.c. Snap-on metal fascia cover conceals fasteners. Attractive clean lines with your choice of 24 standard Kynar 500® colors.

# Primers

Product Name	Description	Specifications
FlintPrime™	A general purpose, penetration asphalt primer used for the preparation of all types of surfaces prior to application of hot or cold asphalt coatings.	ASTM D41
FlintPrime™ SA	A water-based polymer modified primer for use with self-adhering modified bitumen roofing membrane systems such as Flintlastic® SA. Designed to enhance adhesion of self-adhering modified bitumen membranes.	

## Adhesives

Product Name	Description	Specifications
FlintBond™	A cold-applied, high-strength SBS polymer modified asphalt adhesive that provides excellent adhesion and elongation properties. Available in spray grade, brush grade, trowel grade, and caulk grade. Asbestos-free.	ASTM D3019 Type III

## Coatings

Product Name	Description	Specifications
FlintCoat™-A 300	Made of selected asphalts and pigment flakes of pure aluminum, blended with mineral fibers and refined solvents for heavy duty performance capability. Aluminum flakes form a reflective metallic shield over the base material to create a self-protecting roof coating with long-lasting moisture- and heat-resistant properties.	ASTM D2824, Type II, ASTM D3805
FlintCoat™-A 150	Made of selected asphalts and pigment flakes of pure aluminum, blended with mineral fibers and refined solvents for heavy duty performance capability. Aluminum flakes form a reflective metallic shield over the base material to create a self-protecting roof coating with long-lasting moisture- and heat-resistant properties.	ASTM D2824, Type III
FlintCoat™-W	A copolymer elastomeric emulsion exterior protective coating that provides excellent protection, appearance, mildew resistance, color stability, weatherability and flexibility.	ASTM 6083
FlintCoat™-E	Emulsion roof coating made with refined asphalt, bentonite clay, emulsifiers and fibers for brush or spray application on smooth surface and metal roofs. Withstands variations in temperature and weather, and resists the absorption of exterior moisture. No odor or fumes.	ASTM D1227 Type II, Class I

## Repair

Product Name	Description	Specifications
FlintPatch™	Asbestos-free wet/dry rubberized flashing cement, compounded with a blend of rubber-reinforced asphalt, mineral fibers and refined solvents in a heavy, pliable consistency for ease of application by trowel.	ASTM D4586 Type I, ASTM D3409

## Liquid Flashing and Repair

Product Name	Description
LiquiFlash™	High performance seamless and self-terminating waterproofing flashing system. Kits include all tools and material necessary to flash and repair approximately 25 square feet of area. 2-part, urethane technology.
LiquiFlash™ EZ Patch	1-part urethane repair patch for cracks in bitumen sheets, PVC roofing sheets, concrete, wood and metal. Patch measures 16" x 10-1/2".



BUR

Adhesive/Coating/Repair



APP Modified Bitumen



FlintEDGE™



LiquiFlash™



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