

Pair Black Diamond® Base Sheet or Flintlastic® Ultra Glass SA with the cap membrane that best meets your needs

| POPULAR TORCH-APPLIED CAP MEMBRANES, 100 SQ. FT. (1 SQ) |          |                   |             |                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------|----------|-------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                                                 | Material | Thickness         | Weight/Roll | Why Buy?                                                                                                                                                                                                                                                                                                          |
| Flintlastic® GTA                                        | APP/POLY | 4.0 mm (157 mils) | 103 lbs.    | CertainTeed's workhorse, torch- applied cap – available in 7 colors plus CoolStar® highly-reflective granules <sup>6</sup>                                                                                                                                                                                        |
| Flintlastic GTA-FR                                      | APP/POLY | 4.0 mm (157 mils) | 103 lbs.    | Same as GTA (above) plus fire-retardant additives enable incorporation in Class A <sup>3</sup> fire-rated systems – available in 2 colors plus CoolStar highly-reflective granules <sup>6</sup>                                                                                                                   |
| Flintlastic STA <sup>4</sup>                            | APP/POLY | 3.8 mm (150 mils) | 86 lbs.     | Smooth surface installs quickly with granule-free selvage edge                                                                                                                                                                                                                                                    |
| Flintlastic STA Plus <sup>5</sup>                       | APP/POLY | 4.5 mm (177 mils) | 98 lbs.     | Same as STA (above) plus premium product allows for extended warranties                                                                                                                                                                                                                                           |
| Flintlastic GTS-FR                                      | SBS/POLY | 4.0 mm (157 mils) | 103 lbs.    | CertainTeed's most robust torch-applied cap sheet with a high-performance, extra-tough, stress-resistant (excellent elongation) Type II polyester mat. Fire retardant additives enables incorporation in Class A <sup>2</sup> fire-rated systems. Available with CoolStar highly-reflective granules <sup>6</sup> |

| POPULAR HOT OR COLD-APPLIED CAP MEMBRANES |          |                   |             |                                                                                                                                                                           |
|-------------------------------------------|----------|-------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                                   | Material | Thickness         | Weight/Roll | Why Buy?                                                                                                                                                                  |
| Flintlastic GMS                           | SBS/POLY | 3.7 mm (146 mils) | 93 lbs.     | CertainTeed's workhorse, mop-applied cap – available in 4 colors                                                                                                          |
| Flintlastic FR-P                          | SBS/POLY | 4.2 mm (165 mils) | 100 lbs.    | See GMS (above) plus additional modified asphalt and fire-retardant additives enable incorporation in Class A <sup>3</sup> fire rated-systems                             |
| Flintlastic Premium FR-P                  | SBS/POLY | 4.2 mm (165 mils) | 100 lbs.    | See FR-P (above) with high-performance, extra-tough, heavy-duty, stress-resistant, Type II polyester mat. Available with CoolStar highly-reflective granules <sup>6</sup> |

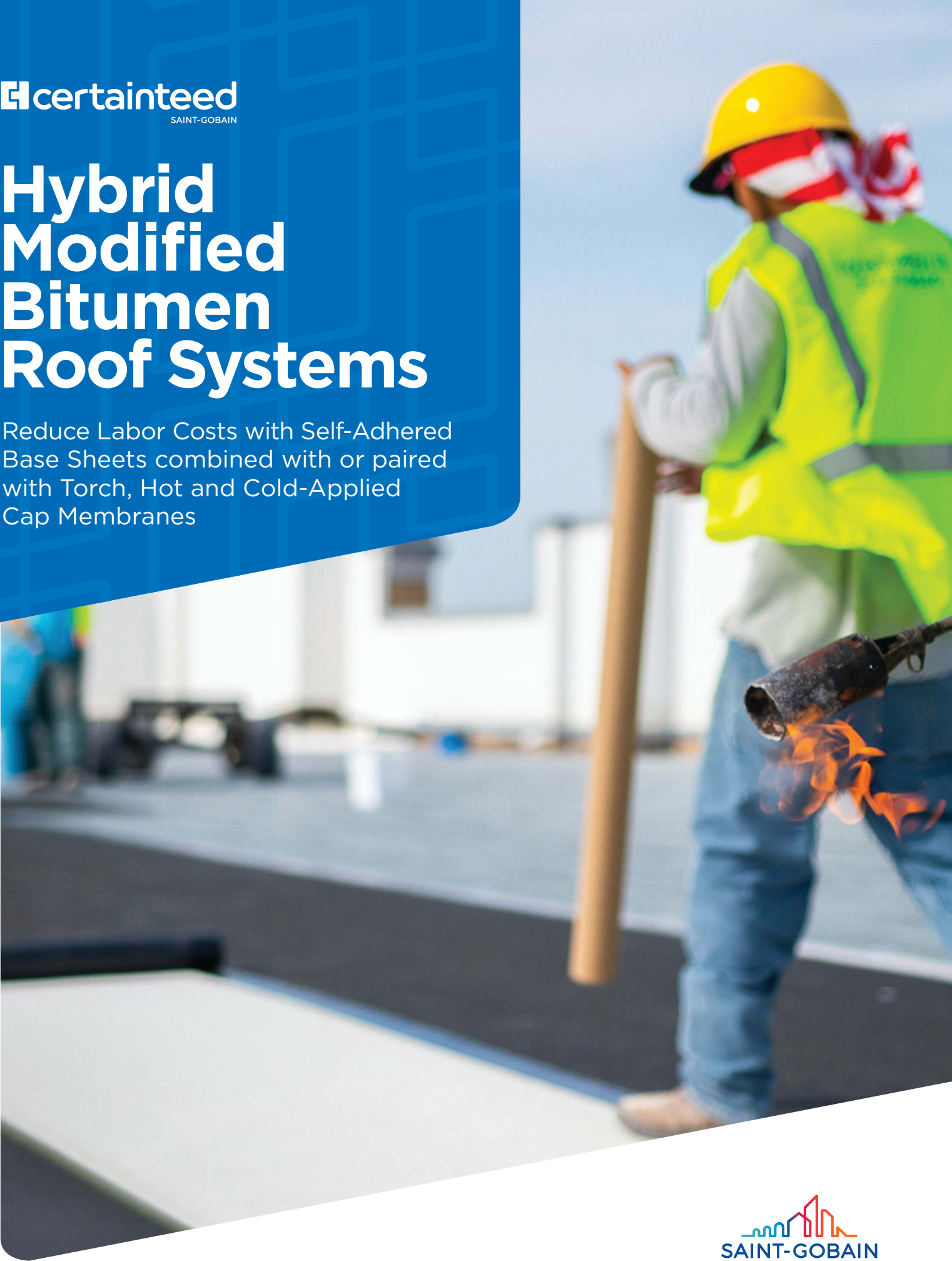
Black Diamond Base Sheet cannot be paired with cold-applied cap membranes.

<sup>3</sup>Please visit [www.ul.com/database](http://www.ul.com/database) and review CertainTeed's roof systems listing: TGFUR11656 to review fire ratings associated with desired base/cap combinations.  
<sup>4</sup>Must be coated with SMARTCOAT for warranty coverage between 12 and 20 years.  
<sup>5</sup>Must be coated with SMARTCOAT for warranty coverage between 15 and 25 years.  
<sup>6</sup>Premium pricing applies for CoolStar granular surfaced membranes.



# Hybrid Modified Bitumen Roof Systems

Reduce Labor Costs with Self-Adhered Base Sheets combined with or paired with Torch, Hot and Cold-Applied Cap Membranes



Self-adhered, unpenetrated,  
highly UV-resistant base ply



BLACK DIAMOND BASE SHEET IS DESIGNED FOR SPEED & ENGINEERED FOR DURABILITY.

- Reduce labor by pairing this self-adhered base ply with any torch-applied or hot asphalt-applied interply or cap membrane; cannot be paired with ply or cap sheets applied with cold adhesive
- Fiberglass reinforcement adds strength and dimensional rooftop stability
  - Up to 15-year warranty coverage without insulation
- Flexible - especially in cold temperatures due to SBS-modified asphalt
- Black Diamond slag mineral surface allows for “in the dry” exposure, up to 6 months, without risk of asphalt degradation
- Classified as a vapor retarder
- Reduce installed cost by eliminating the need for cover board – adhere directly to FlintBoard® polyisocyanurate insulation
  - You may also adhere Black Diamond Base Sheet directly to bituminous anchor sheets, DensDeck® Prime, Securock®, coated 6-side high density wood fiberboard, and primed structural concrete



Black Diamond®  
Base Sheet

| ROLL PROPERTIES |                  |             |             |                      |  |
|-----------------|------------------|-------------|-------------|----------------------|--|
| Material        | Thickness        | Weight/Roll | Coverage    | ASTM                 |  |
| SBS/FG          | 1.4 mm (55 mils) | 78 lbs.     | 200 sq. ft. | D4601, Type I, D1970 |  |

| RECOMMENDED SYSTEMS¹ |                                   |                                     |                          |                                                                           |                                   |
|----------------------|-----------------------------------|-------------------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------|
| Warranty Duration    | Insulation                        | Base                                | Interply                 | Torch¹                                                                    | Cap²<br>Hot Asphalt               |
|                      |                                   |                                     |                          | Hot Asphalt                                                               |                                   |
| 15 Years             | Optional                          | All Weather/Empire® Base Sheet (MF) | Black Diamond Base Sheet | Flintlastic® GTA, GTA-FR, or STA with SMARTCOAT™                          | Flintlastic GMS or FR-P           |
| 15 Years             | Optional                          | Black Diamond Base Sheet            | —                        | Flintlastic GTA, GTA-FR, or STA with SMARTCOAT                            | Flintlastic GMS or FR-P           |
| 20 Years             | Optional                          | Black Diamond Base Sheet            | —                        | Flintlastic GTA-FR CoolStar®, GTS-FR CoolStar, or STA Plus with SMARTCOAT | Flintlastic Premium FR-P CoolStar |
| 25 Years             | Double layer second layer adhered | Black Diamond Base Sheet            | Flintlastic STA          | Flintlastic GTA-FR, GTS-FR or STA Plus with SMARTCOAT                     | Flintlastic Premium FR-P          |

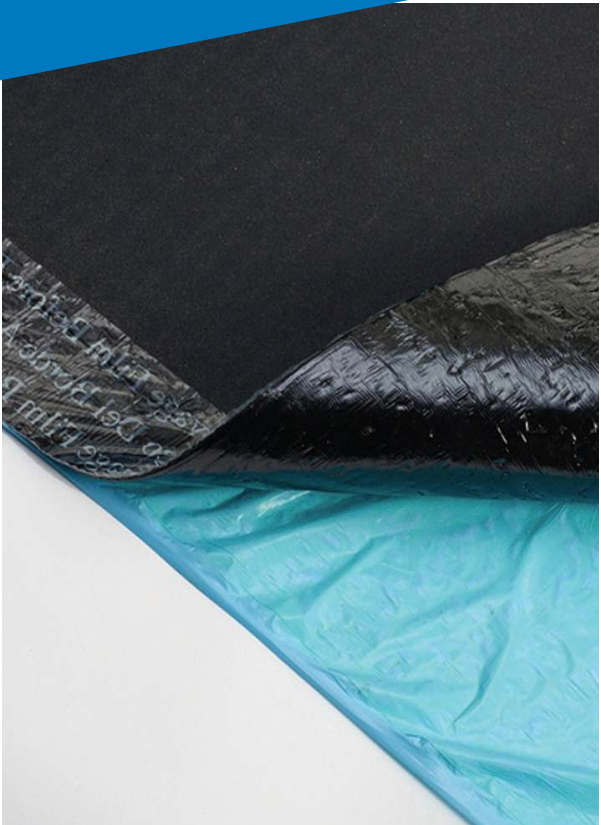
¹For assistance selecting systems with UL, FBC, Miami Dade and/or FM approvals, contact your local Territory Manager or CertainTeed Commercial Roofing Technical Services at 800-396-8134 x2.  
²See rear side for cap membrane selection guidance.

Self-adhered, unpenetrated,  
heavy-duty base ply

FLINTLASTIC ULTRA GLASS SA IS CERTAINTEED’S MOST ROBUST & VERSATILE SELF-ADHERED BASE.

- Reduce labor by pairing this self-adhered base ply with any ply or cap membrane applied by torch, hot asphalt or cold adhesive
- High-performance strength & wind uplift resistance
  - 70% heavier fiberglass reinforcement than Black Diamond Base Sheet
  - Up to 20-year warranty coverage without insulation
- Superior cold-temperature flexibility with twice the SBS-modified asphalt of Black Diamond Base Sheet
- Classified as a vapor retarder
- Reduce installed cost by eliminating the need for cover board – adhere directly to FlintBoard® polyisocyanurate insulation
  - You may also adhere Flintlastic Ultra Glass SA directly to bituminous anchor sheets, DensDeck® Prime, Securock®, coated 6-side high density wood fiberboard, and primed structural concrete

Flintlastic® Ultra  
Glass SA



| ROLL PROPERTIES |                   |             |             |                      |  |
|-----------------|-------------------|-------------|-------------|----------------------|--|
| Material        | Thickness         | Weight/Roll | Coverage    | ASTM                 |  |
| SBS/FG          | 3.0 mm (118 mils) | 72 lbs.     | 100 sq. ft. | D6163, Type I, D1970 |  |

| RECOMMENDED SYSTEMS¹ |                                   |                                     |                            |                                                       |                                   |
|----------------------|-----------------------------------|-------------------------------------|----------------------------|-------------------------------------------------------|-----------------------------------|
| Warranty Duration    | Insulation                        | Base                                | Interply                   | Torch¹                                                | Cap²<br>Hot Asphalt/Cold Adhesive |
|                      |                                   |                                     |                            | Hot Asphalt/Cold Adhesive                             |                                   |
| 20 Years             | Optional                          | All Weather/Empire® Base Sheet (MF) | Flintlastic Ultra Glass SA | Flintlastic GTA, GTA-FR, or STA with SMARTCOAT        | Flintlastic GMS or FR-P           |
| 20 Years             | Optional                          | Flintlastic Ultra Glass SA          | —                          | Flintlastic GTA, GTA-FR, or STA with SMARTCOAT        | Flintlastic GMS or FR-P           |
| 25 Years             | Double layer second layer adhered | Flintlastic Ultra Glass SA          | —                          | Flintlastic GTA-FR, GTS-FR or STA Plus with SMARTCOAT | Flintlastic Premium FR-P          |

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