



1. Firestone Granule-Surfaced SBS Cap Sheet
2. Firestone SBS Base Sheet
3. Asphalt Primer (ASTM D 41)
4. 3,000 psi (20.7 MPa) Structural Concrete Deck

*The sample assembly shown is generic. Consult the Firestone website or Firestone Technical Services for specific warranty requirements regarding fastening patterns, adhesive bead spacing, etc.*

**Consult Firestone Technical Specifications, Guides and Details at [www.firestonebpco.com](http://www.firestonebpco.com)**

**Deck Requirement**

- Min. 3,000 psi (20.7 MPa) Structural Concrete

**Slope Requirement**

- Positive slope required
- $\geq \frac{1}{4}$ " (2.1 %) required for warranties  $\geq 20$  years

**Insulation (optional)**

- Appropriate Firestone Insulation

**Insulation Attachment**

- Firestone Concrete Drive Fasteners & Plates
- Firestone Heavy Duty or Heavy Duty Plus Fasteners & Plates
- Full mopping of ASTM D 312 Type III or IV asphalt

**Insulation Attachment (continued)**

- I.S.O. Twin Pack™ Insulation Adhesive
- I.S.O. Fix™ II Insulation Adhesive
- I.S.O.Stick™ Insulation Adhesive
- ISO Spray™ R Insulation Adhesive
- Twin Jet

**Cover Board (optional)**

- DensDeck® Prime
- Securock® Gypsum-Fiber Roof Board
- NOTE:** One of the above is required when torch-applying the base sheet over insulation.
- Firestone ISOGARD™ HD Cover Board
- Structodek® HD Fiberboard Roof Insulation ( $\leq 20$  year warranties only)

**Membrane Attachment**

- Self-adhered
- Full mopping of ASTM D 312 Type III or IV asphalt (Type IV required for warranties  $\geq 20$  years)
- Fully heat-welded

**Surfacing**

- SBS granule-surfaced cap sheet
- SBS granule-surfaced cap sheet coated with AcryliTop™ PC-100
- NOTE:** An UltraWhite™ cap sheet or AcryliTop PC-100 Coating is required for a 25 year Red Shield Warranty.

**Warranty Options**

	Fully Mopped or Heat-Welded Base Sheet	Fully Mopped or Heat-Welded Cap Sheet	Flashings
5 – 10 Year Red Shield	Optional on concrete deck. <input type="checkbox"/> MB Base <input type="checkbox"/> Any base sheet below	<input type="checkbox"/> SBS Cap <input type="checkbox"/> SBS FR <input type="checkbox"/> SBS FR Torch <input type="checkbox"/> SBS Glass <input type="checkbox"/> SBS Glass FR <input type="checkbox"/> SBS Glass FR Torch <input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium FR <input type="checkbox"/> SBS Premium FR Torch	<input type="checkbox"/> One ply of fully-adhered Firestone SBS granule-surfaced cap sheet
15 – 20 Year Red Shield	<input type="checkbox"/> SBS Base <input type="checkbox"/> SBS Glass Torch Base <input type="checkbox"/> SBS Glass Torch Base 1.5 <input type="checkbox"/> SBS Poly Base <input type="checkbox"/> SBS Poly Torch Base <input type="checkbox"/> SBS Premium Base <input type="checkbox"/> SBS Premium Poly Base <input type="checkbox"/> SBS Smooth <input type="checkbox"/> BASEGARD™ SA Base Sheet (self-adhere)	<input type="checkbox"/> SBS Glass FR Torch <input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium Torch <input type="checkbox"/> SBS Premium FR <input type="checkbox"/> SBS Premium FR Torch	Two plies, consisting of: <input type="checkbox"/> One ply of fully-adhered SBS base sheet, <u>AND</u> <input type="checkbox"/> One ply of fully-adhered SBS granule-surfaced cap sheet, <u>OR</u> <input type="checkbox"/> One ply of heat-welded SBS Metal Flash AL, <u>OR</u> <input type="checkbox"/> UltraFlash™ One-Part or Two-Part Liquid Flashing
25 Year Red Shield	<input type="checkbox"/> SBS Glass Torch Base <input type="checkbox"/> SBS Poly Base <input type="checkbox"/> SBS Poly Torch Base <input type="checkbox"/> SBS Premium Base <input type="checkbox"/> SBS Premium Poly Base <input type="checkbox"/> SBS Smooth <input type="checkbox"/> BASEGARD SA Base Sheet (self-adhere)	<input type="checkbox"/> SBS Glass FR Torch <input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium Torch <input type="checkbox"/> SBS Premium FR <input type="checkbox"/> SBS Premium FR Torch	Two plies, consisting of: <input type="checkbox"/> One ply of a fully-adhered <u>25-yr eligible</u> SBS base sheet, <u>AND</u> <input type="checkbox"/> One ply of fully-adhered Firestone SBS UltraWhite cap sheet, <u>OR</u> <input type="checkbox"/> One ply of heat-welded Firestone SBS Metal Flash AL, <u>OR</u> <input type="checkbox"/> UltraFlash Two-Part Liquid Flashing

1. Max. 4' x 4' (1.2 m x 1.2 m) boards when attaching insulation or cover boards with adhesives.
2. A pull test is required when using fasteners/plates or adhesives.
3. ISOGARD HD may not be installed with hot asphalt.
4. It is not recommended to encapsulate DensDeck in hot asphalt. When mopping to DensDeck, the MAXIMUM hot asphalt temperature is 450°F (232 °C).
5. BASEGARD SA Base Sheet must be applied over SA Primer or heat activated.
6. Only Firestone brand products are covered in a Red Shield warranty.
7. It is the installing contractor's responsibility to follow applicable building codes.
8. Wood walls require a mechanically-fastened MB Base beneath the flashing assembly.
9. DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC.
10. Structodek is a registered trademark of Blue Ridge Fiberboard, Inc.
11. Securock is a registered trademark of United States Gypsum Company.