



1. Firestone Granule-Surfaced SBS Cap Sheet
2. Firestone SBS Base Sheet
3. Firestone Multi-Purpose MB Cold Adhesive⁶ or Firestone LiquiGard™ Adhesive
4. Appropriate Firestone Insulation

The sample assembly shown is generic. Consult the Firestone website or your Building System Advisor for specific warranty requirements regarding fastening patterns, adhesive bead spacing, etc.

Consult Firestone Technical Specifications, Guides and Details at www.firestonebpco.com.

Deck Requirement

- ☐ Min. ½" (1.3 cm) Plywood/OSB
- ☐ Min. 1" (2.5 cm) Wood Plank
- ☐ Min. 2" (5 cm) Poured Gypsum
- ☐ Min. 2" (5 cm) Cementitious Wood Fiber
- ☐ Min. 22-gauge Steel
- ☐ Min. 3,000 psi (20.7 MPa) Structural Concrete

Slope Requirement

- ☐ Positive slope required
- ☐ e ¼" (2.1 %) required for warranties e 20yrs

Insulation¹

- ☐ Appropriate Firestone Insulation

Insulation Attachment²

- ☐ Appropriate Firestone Fasteners & Plates
- ☐ Full mopping of ASTM D 312 Type III or IV asphalt
- ☐ 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
- ☐ Firestone LiquiGard Adhesive

Cover Board (optional)

- ☐ Firestone ISO GARD™ HD Cover Board³
- ☐ DensDeck® Prime^{4,9}
- ☐ Securock® Gypsum-Fiber Roof Board¹¹
- ☐ Structodek® HD Fiberboard Roof Insulation¹⁰ (d 20yr warranties only)

Membrane Attachment

- ☐ Self-adhered⁵
- ☐ Firestone MB Cold Adhesive⁶
- ☐ Firestone LiquiGard Adhesive

Surfacing

- ☐ SBS granule-surfaced cap sheet
 - ☐ SBS granule-surfaced cap sheet coated with AcryliTop™ PC-100⁶
- NOTE:** An UltraWhite™ cap sheet or AcryliTop PC-100 Coating⁶ is required for a 25-yr Red Shield Warranty. Wait 6 months before installing AcryliTop when Firestone MB Multi-Purpose Cold Adhesive is used.

Warranty Options^{7,8}

	Fully Adhered Cool Base Sheet	Fully Adhered Cool Cap Sheet	Flashings (Apply in Firestone MB Multi-Purpose Flashing Cement or LiquiGard Adhesive)
5 – 10 Year Red Shield	<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 Glass <input type="checkbox"/> SBS Glass FR <input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium FR	<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 Poly Base <input type="checkbox"/> SBS Premium Base <input type="checkbox"/> SBS Premium Poly Base <input type="checkbox"/> SBS Smooth <input type="checkbox"/> BASEGARD™ SA ⁵ (self-adhered)	<input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium FR	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 fully-adhered 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 Poly Base <input type="checkbox"/> SBS Premium Base <input type="checkbox"/> SBS Premium Poly Base <input type="checkbox"/> SBS Smooth <input type="checkbox"/> BASEGARD™ SA ⁵ (self-adhered)	<input type="checkbox"/> SBS Premium <input type="checkbox"/> SBS Premium FR	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 fully-adhered Firestone SBS Metal Flash AL, <u>OR</u> <input type="checkbox"/> UltraFlash Two-Part Liquid Flashing

1. Max. 4' x 4' boards when attaching insulation or cover boards with adhesives.
2. A pull test is required when using fasteners/plates or adhesives.
3. ISO GARD 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. SBS Systems adhered in Firestone Multi-Purpose MB Cold adhesive must cure for a min of 30 days before a 3rd ply or 6 months before the AcryliTop System is applied.
7. Only Firestone brand products are covered in a Red Shield warranty.
8. It is the installing contractor's responsibility to follow applicable building codes.
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.