



1. Firestone Granule-Surfaced APP Cap Sheet
2. Firestone APP Base Sheet
3. Firestone Multi-Purpose MB Cold Adhesive
4. Firestone Mechanically-Attached Base Sheet
5. Lightweight 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.firestonebpc.com

Deck Requirement

- Min. 2" (51 mm) Lightweight Concrete over steel pan or structural concrete

Slope Requirement

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

Membrane Attachment

- Self-adhered
- Firestone MB Cold Adhesive

Surfacing

- APP granule-surfaced cap sheet
 - APP 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. Wait 6 months before installing AcryliTop when Firestone MB Multi-Purpose Cold Adhesive is used.

Warranty Options

	Base Sheet Attached Using Firestone 1.7" (43 mm) LWC Base-Ply Fastener or Two Piece Impact Nail	Fully Adhered Cool Base Ply	Fully Adhered Cool Cap Sheet	Flashings (Apply in Firestone MB Multi-Purpose Flashing Cement)
5 - 10 Year Red Shield	<input type="checkbox"/> Channel Venting Base	Choose from below if desired.	<input type="checkbox"/> APP 180 Cool <input type="checkbox"/> APP 180 FR Cool	<input type="checkbox"/> One ply of fully-adhered Firestone APP granule-surfaced Cool cap sheet
15 - 20 Year Red Shield		<input type="checkbox"/> BASEGARD™ SA <input type="checkbox"/> APP Premium Base <input type="checkbox"/> APP 160 Cool <input type="checkbox"/> APP 170 Cool		Two plies, consisting of: <input type="checkbox"/> One ply of fully-adhered APP Cool base sheet, <u>AND</u> <input type="checkbox"/> One ply of fully-adhered APP granule-surfaced Cool cap sheet, <u>OR</u> <input type="checkbox"/> UltraFlash™ One-Part Liquid Flashing
25 Year Red Shield		<input type="checkbox"/> APP 180 Cool (UltraWhite) <input type="checkbox"/> APP 180 FR Cool (UltraWhite)	Two plies, consisting of: <input type="checkbox"/> One ply of a fully-adhered Firestone APP Cool base sheet, <u>AND</u> <input type="checkbox"/> One ply of fully-adhered Firestone APP UltraWhite Cool cap sheet, <u>OR</u> <input type="checkbox"/> UltraFlash One-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. APP 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.