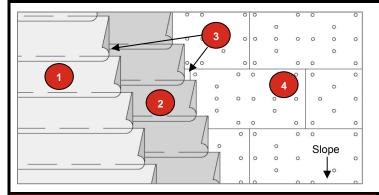


APP Cool System Insulated Deck

5, 10, 15, 20, 25 Year Red Shield™ Warranty



- Firestone Granule-Surfaced APP Cap Sheet
- Firestone APP Base Sheet
- 3. Firestone Multi-Purpose MB Cold Adhesive
- Appropriate Firestone Insulation

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

Deck Requirement Insulation Attachment Membrane Attachment ☐ Min. ½" (13 mm) Plywood/OSB ☐ Appropriate Firestone Fasteners & Plates ■ Self-adhered ☐ Min. 1" (25 mm) Wood Plank ☐ Full mopping of ASTM D 312 Type III or IV ☐ Firestone MB Multi-Purpose Cold Adhesive ☐ Min. 2" (51 mm) Poured Gypsum Surfacing ☐ I.S.O. Twin Pack™ Insulation Adhesive ☐ Min. 2" (51 mm) Cementitious Wood Fiber ■ APP granule-surfaced cap sheet ☐ Min. 22-gauge Steel □ I.S.O. Fix™ II Insulation Adhesive ☐ APP granule-surfaced cap sheet coated with ☐ I.S.O.Stick™ Insulation Adhesive ☐ Min. 3,000 psi (20.7 MPa) Structural Concrete AcryliTop™ PC-100 □ ISO Spray™ R Insulation Adhesive NOTE: An UltraWhite™ cap sheet or AcryliTop **Slope Requirement** □ Twin .let PC-100 Coating⁶ is required for a 25 year Red ☐ Positive slope required **Cover Board (optional)** $\square \ge \frac{1}{4}$ " (2.1 %) required for warranties ≥ 20 Shield Warranty. Wait 6 months before installing ☐ Firestone ISOGARD™ HD Cover Board AcryliTop when Firestone MB Multi-Purpose ■ DensDeck® Prime Cold Adhesive is used. Insulation ■ Appropriate Firestone Insulation ■ Securock® Gypsum-Fiber Roof Board ☐ Structodek® HD Fiberboard Roof Insulation (≤ 20 year warranties only) **Warranty Options** Flashings **Fully Adhered Cool Base Sheet Fully Adhered Cool Cap Sheet** (Apply in Firestone MB Multi-Purpose Flashing Cement) 5 - 10 Year Red Shield ☐ One ply of fully-adhered Firestone APP granulesurfaced Cool cap sheet ☐ APP 180 Cool ☐ APP 180 FR Cool Two plies, consisting of: 15 – 20 Year Red Shield ■ BASEGARDTM SA ☐ One ply of fully-adhered APP Cool base sheet. ☐ APP Premium Base ☐ APP 160 Cool ☐ One ply of fully-adhered APP granule-surfaced ☐ APP 170 Cool Cool cap sheet, OR ☐ UltraFlash™ One-Part Liquid Flashing Two plies, consisting of: 25 Year Red Shield ☐ One ply of a fully-adhered APP Cool base ☐ APP 180 Cool (UltraWhite) sheet, AND

- 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.
- APP Systems adhered in Firestone Multi-Purpose MB Cold adhesive must cure 6. for a min of 30 days before a 3rd ply or 6 months before the AcryliTop System is applied.

☐ One ply of fully-adhered Firestone APP UltraWhite Cool cap sheet, OR □ UltraFlash One-Part Liquid Flashing

- Only Firestone brand products are covered in a Red Shield warranty.
- It is the installing contractor's responsibility to follow applicable building codes.
- 9. DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC.
- Structodek is a registered trademark of Blue Ridge Fiberboard, Inc.
- Securock is a registered trademark of United States Gypsum Company

Firestone Building Products Company, LLC

☐ APP 180 FR Cool (UltraWhite)

200 4th Ave South, Nashville, TN 37201 Sales: (800) 428-4442 Technical: (800) 428-4511 www.firestonebpco.com