



Roofers' Advantage Products, Inc.
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TECHNICAL DATA SHEET: FLASH DECK® NAIL BASE

CSI Section: 07 65 00 (Mechanically Attached Synthetic Underlayment)

1. PRODUCT DESCRIPTION: Flash Deck® Nail Base is an advanced, high-performance mechanically attached synthetic underlayment engineered for steep-slope roofing systems. It delivers superior tensile strength and tear resistance without heavy asphalt mass. **Dimensions & Weight:** 4 ft. x 250 ft. roll (1,000 sq. ft. / 10 Squares); Weight: 25 lbs. **Material Type & Coverage:** 11 mil Woven Polypropylene; 56 rolls per pallet. **Service Temp & UV Rating:** -40°F to 240°F; 6-Month (180-Day) maximum UV exposure. **Installation:** Mechanically fastened to approved steep-slope deck substrates.

2. CODE COMPLIANCE & APPROVALS: **Florida Building Code:** FL 26047 Approved (Except HVHZ). **Standards Compliance:** AC188 Evaluated; ASTM D8257 (Mechanically Attached Polymeric Underlayment); exceeds ASTM D226 (Types I & II). **Certifications:** QAI Evaluation Report CER-1020; Texas Department of Insurance (TDI) compliant.

3. PHYSICAL & PERFORMANCE TEST RESULTS (AC188 / AC48): **Pliability (ASTM D146):** Pass (No cracking bent 90° over 1/2-inch radius). **Accelerated Aging & UV (AC48):** Pass (No visible damage or structural change). **Tensile Strength (AC48 / ASTM D1970):** Control: CD 40 lbf, MD 71 lbf (Pass) | Aged: CD 37 lbf, MD 77 lbf (Pass) | UV Exposed: CD 40 lbf, MD 80 lbf (Pass). **Liquid Water Transmission & Cycling (ASTM D4869):** Pass. **Unroll-ability (AC188):** Pass (Unrolls cleanly between 50°F and 140°F). **Water-Vapor Transmission (ASTM E96):** 0.061 g/m²/hr (Pass).

4. STORAGE, HANDLING & WARRANTY: **Storage & Shelf Life:** Store rolls upright in a dry, ventilated area (-20°F to 240°F). 2-year shelf life. Lead time: 4 to 6 weeks. **Warranty:** Backed by a standard 15-year material warranty (extended tiers up to 30 years for shingle / 50 years for metal systems via certified Flash Deck® Specialists). Administered by Roofers' Advantage Warranty Company, LLC (RAWC).