



PRODUCT CODE: 990

COOL BTF 1000 SYNTHETIC UNDERLAYMENT

FEATURES

- Non-slip surface
- "TACBACK" under side grip
- Cool gray walking surface
- 6 month UV exposure
- Printed nail pattern
- Lays flat / wrinkle free when wet
- 25x stronger than felt
- 60" Width-quicker application
- Resists high wind blow-offs
- Limited LIFETIME WARRANTY

USES

- Asphalt Shingles
- Metal Roof Coverings
- Clay Tile
- Slate
- Concrete Tile
- Wood Shingles & Shakes
- Air, Water & Vapor barrier

APPLICATION

1. Make sure building is properly ventilated per local building codes.
2. Surface is to be clean, dry, and free of debris and damages.
3. Long term exposure and anchoring is best to use 1" diameter plastic or metal cap roofing nails (Ring shank preferred but smooth leg nails acceptable). Pneumatic air or gas driven fastener tools is acceptable.
4. Anchoring nails must be flush, 90 degrees to the roof deck. Extended exposure, driving rain or strong winds, double the lap widths as a minimum. For extra protection fold a "J" channel before nailing or use a low solvent sealant like Dewitts 99 Wet-Stick roof cement on seams for extra protection.
5. Nail plastic cap fasteners 12" on center horizontally on top and bottom along nail lines.
6. On center lines, nail plastic cap nails 24" on center as printed on sheet.
7. Top and Bottom overlaps should be 4" minimum. Place fasteners 2" in from the edges of the top and bottom laps.
8. End overlaps should be minimum 12" and fastened 12" on center, vertically along overlaps at 2" in from the end of the top layer.
9. Extend Cool BTF1000 12" past all hips and valleys.
10. Slopes less than 4/12, a double coverage method should be applied. Vertical end laps should be 12"
11. Same day coverage or within 24 hrs., Cool BTF1000 can be fastened with corrosive resistant 3/8" head x 1" leg roofing nails (ring shank preferred, but smooth leg roofing nail is acceptable). Staples may be used on low slope roofs, but water leakage under certain conditions may occur



PERFORMANCE PROPERTIES

PROPERTY	TEST METHOD	RESULTS
FABRIC WEIGHT	ASTM D 1910	3.5 oz/sq yd
WATER TRANSMISSION	ASTM D 4869	Passed
WATER PERMANENCE	ASTM E 96	Passed (.05 perms)
PLIABILITY	ASTM D 1970	Passed
TENSILE STRENGTH	ASTM D 751-95	125 lbs. MD/105 lbs. TD
TRAPEZOID TEAR STRENGTH	ASTM D 751	30 lbs. MD/29 lbs. TD
WATER PONDING	AC 48	Passed
UV RESISTANCE	ICC-ES AC 188	Passed
ELONGATION		20% MD/19% TD
SURFACE BURNING CHARACTERISTICS		Class A
TEMPERATURE RANGE		- 40° F to 240° F

PACKAGING

LENGTH PER ROLL	60" x 200'
WEIGHT PER ROLL	26 lbs approx. (pallet-1300 lbs., 60" x 43" x33")
GSM (grams per sq. meter)	122 approx.
ROLL SIZE	10 sq. (1000 sq. ft.)
ROLLS PER PALLET	56 rolls

SPECIFICATIONS

Meets ASTM D226 & D4869