

DESCRIPTION AND USES

TMP SAM-HT/Blue Armor HT is a high-temperature (250°F), self-adhered roofing underlayment designed for steep-slope roof applications. It features a top surface with STRONGHOLD™ skid-resistant technology, engineered to provide walkability—even in demanding involving wet or dusty surfaces.

TMP SAM-HT/Blue Armor HT is suitable for use under metal, asphalt shingles, synthetic shingles, primed cedar shakes, slate, and tiles.

TMP SAM-HT/Blue Armor HT can be installed down to 1/2:12. (Inquire regarding low slope applications)

FEATURES AND BENEFITS:

STRONGHOLD™

Skid-Resistant Technology

- Patented* skid-resistant surface delivers superior traction for walking and roof loading.

STRENGTH

- High nail-tear strength woven PP facer compared to standard film facers.

PERFORMANCE

- HT250 Hi-Temp adhesive formulated for outstanding high-temperature performance.

PROTECTION

- Advanced UV technology allows up to 6 months of UV exposure before final roof covering.

PROPERTIES/TEST METHOD	
Color	KOOL BLUE™
Top Surface	STRONGHOLD™ Anti-Skid: Polymer
Bottom Release Liner	Silicone Split Release Poly
Permeability - ASTM E96-00	0.01 perms
Nominal Thickness - ASTM D1777	40 mil (1 mm)
Nail Sealability - ASTM D1970	Pass
Lap Sealability / ASTM D1970	Pass
Tensile Strength / ASTM D226	121 lbf/in. (21 kN/m)
Tear Strength - ASTM D4523	160 lbf/in. (28 kN/m)
Elongation - ASTM D2523	16%
Low Temperature Flex. - ASTM D1970	-22°F (-30°C) - Pass
Adhesion to Plywood - ASTM D1970	55 lbf/ft.: 75°F (25 kgf/30.5 cm: 24°C)
Adhesion to Plywood - ASTM D1970	12lbf/ft.: 40°F (5.5 kgf/30.5 cm: 24°C)
UV Exposure / ASTM G90	6 Months
Temperature Range / ASTM D1970	LT: 15°F (-9°C) to HT: 250°F (121°C)

ROLL/PALLET SPECIFICATIONS	
Length per Roll	66.7' / 20.3 m
Width per Roll	36" / 91.4 cm
Weight per Roll	45 lbs / 21 kg
Squares/Roll	2 gross; 1.83 net
Rolls per Pallet	30

