



DESCRIPTION

PERMA-TECH S-50 is a 4-layer synthetic underlayment, with a polypropylene woven core, a polypropylene non-woven top layer and an anti-slip polyolefin coated bottom layer, engineered to enhance the lifespan of a roof. It is ideal for use under fiberglass, asphalt and modified bitumen shingles, tile, slate, and metal roofs.

FEATURES & BENEFITS

- ✓ 50 Year Lifetime Limited Warranty
- ✓ ICC-ES AC188 approved
- ✓ Intertek Code Compliance Research Report (CCRR-1048) Control No. 5008478
- ✓ Meets ASTM E108 Class A
- ✓ Florida Product approved
- ✓ FBC 2023 approved
- ✓ Miami Dade approved
- ✓ Texas Department of Insurance (TDI) approved
- ✓ CAN/CSA A220 certified
- ✓ Meets ASTM D4869 & ASTM D226 requirements
- ✓ Certified to ASTM D8257
- ✓ UV resistant up to 90 days exposure
- ✓ Non-woven top layer and anti-slip polyolefin coated bottom layer offer dynamic steep slope traction
- ✓ 100% water & air resistant
- ✓ No buckling, warping or cracking
- ✓ No mold growth, rot or dry out
- ✓ Lighter and stronger than traditional 30# asphalt felt
- ✓ More material per roll than traditional 30# asphalt felt
- ✓ Easy installation with printed lap lines and fastening points

PRODUCT SPECS

Specifications	ASTM Standard	Typical Value
Nominal Thickness	D5261	11 mil
Finished Weight	D3776	115 GSM
Tensile Strength	D751	50 lb/ MD 50 lb CD
Elongation	D751	20% MD 20 % CD
Tear Resistance	D4533	20 lb MD 20 lb MD
Temperature Range	-	- 40°F to 240°F
COF	D1894	0.7 Top 0.7 Bottom
Permeability	E96	0.06 perms
Pliability	D226	Pass
Fire Rating Class A	E108	Pass

PRODUCT INFORMATION

- Width: 48"
- Length: 250'
- Material per roll: 1000 sq ft.
- Weight: 28 lbs

LIMITED WARRANTY & DISCLAIMER:

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Perma-Tech Roofing Supply to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with Perma-Tech Roofing Supply warranty procedures and program. For limited manufacturer's warranty and disclaimer information, visit our website at: www.permatechroofing.com.