



Ultra-Fold® TPM

Ultra-Fold® TPM provides a layer of protection over old roof problems to help assure long-term performance of the new single-ply membrane. Reclaiming the old roof system provides a dramatic reduction in material and labor costs.

Ultra-Fold TPM is made from moisture-resistant EPS (expanded polystyrene) foam. This lightweight material, along with its fan-fold configuration, allows the installer to cover more square footage in less time.

Features

- Multi-ply, high barrier facers protect EPS from plasticizers given off by PVC roofing membranes
- Closed cell structure of EPS provides long-term thermal performance and moisture resistance
- Classified as roofing protection board under UL 790 for any UL classified PVC membrane
- Cut hinges allow fanfold to lay flat and stay flat
- Superior water absorption properties: 0.20% by volume (ASTM C272)
- Available in a variety of thickness' and compressive strengths
- Available in 4' x 8' sections

Technical Data

Physical Properties	Ultra-Fold TPM 10	Ultra-Fold TPM 13	Ultra-Fold TPM 15	Ultra-Fold TPM 25	ASTM Test Method
Nominal Density	1.00 pcf	1.25 pcf	1.50 pcf	2.00 pcf	C 303 or D 1622
Thermal Resistance 40° F 75° F	R-Value 4.17/in 3.85/in	R-Value 4.25/in 3.92/in	R-Value 4.55/in 4.17/in	R-Value 4.76/in 4.35/in	C 177 or C 518
Compressive Strength	10-14 psi	13-18 psi	15-21psi	25-33 psi	D 1621
Water Vapor Transmission	0.50 perms	1.20 perms	0.50 perms	0.50 perms	E 96
Water Absorption	0.20% % by volume	0.20% % by volume	0.20% % by volume	0.20% % by volume	C 272
Flame Spread	15	15	15	15	E 84
Smoke Developed	95-125	105-190	5-235	20-145	E 84

