

# PRODUCT DATA SHEET

## DURO-LAST<sup>®</sup> ULTRA-FOLD<sup>®</sup> TPM UNDERLAYMENT

### Description:

Ultra-Fold TPM consists of two multi-ply, high barrier film facers which are laminated to an expanded polystyrene (EPS) core in a fanfold configuration. Ultra-Fold TPM is available in 1/2-inch thickness, 48-inch width and 50-length, and has a cut fold every 24-inches.

### Basic Use:

Ultra-Fold TPM has been designed to protect PVC membranes from gravel and other residual materials on roof decks which might puncture membrane. EPS is a closed cell, resilient, lightweight foamed plastic roof insulation. Having the facers heat laminated to the EPS results in a moisture resistant bond. This multi-ply, high density film provides a barrier to PVC Plasticizers, which might otherwise attack the EPS core. Ultra-Fold TPM is made of inert organic materials. It does not provide nutritive value to plants, animals, or microorganisms. It will not rot and is highly resistant to mildew.

### Environmental Data:

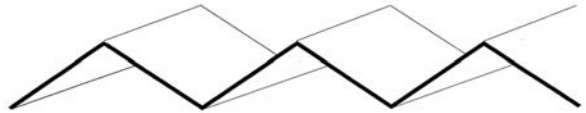
Ultra-Fold TPM does not contain Chloro-fluorocarbons (CFCs) or Hydrochlorofluorocarbons (HCFCs). The EPS core is manufactured with Hydro-Carbon blowing agents. **Note:** Like many other foam insulation material, Ultra-Fold TPM is combustible. It should not be left exposed to flame or other ignition sources.

### Installation:

Ultra-Fold TPM should be unfolded and placed over existing roof. Fasten Ultra-Fold TPM to Duro-Last<sup>®</sup> specifications. Membrane can then be placed over this assembly and mechanical fasteners installed as per Duro-Last<sup>®</sup> specifications. (See Detail# 1030 for fastening requirements)

For more information on these and other Duro-Last Products, contact the Duro-Last Engineering Services Department.

E-Mail: [engineering@duro-last.com](mailto:engineering@duro-last.com)



Physical Properties		
Property	Test	Results
Density Strength (psi)	D 1621	1.25 psi
Thermal Resistance	C 177 or C 518	1.96 R
Water Vapor Transmission	E 96	.50 Perms
Water Absorption	C 272	0.20%
Fire Characteristics	E-84	
• Flame Spread		15
• Smoke Developed		105-190

