



DESCRIPTION:

PTP 2.8 HFO 10-016 is a two component, HFO blown, all PMDI based spray polyurethane foam system designed for use as a self-adhering, seamless, high insulating, spray applied rigid polyurethane foam roofing system. PTP 2.8 HFO is available in multiple speeds for use in varying temperature conditions. PTP 2.8 HFO has been formulated to spray at a 2.8-pound density, depending on lift thickness, and may be used in the applications of the TechGuard roofing systems.

DISTINGUISHING CHARACTERISTICS:

- Excellent Cure and Overlap Adhesion
- High Yields
- High Closed Cell Content
- Good Dimensional Stability
- Class II Vapor Retarder @ 1"

Typical Physical Properties		
Core Density	ASTM D1622	2.8-3.2 pcf
Compressive Strength	ASTM D1621	58 psi
Tensile Strength	ASTM D1623	57 lbf/ft2
Closed Cell Content	ASTM D2856	>90%
Maximum Service Temperature		180°F
Flame Spread @ 2"	ASTM E84	<75
Note: The above values are average values obtained from a laboratory and should serve only as a guide.		

R-Values	ASTM C518	ASTM E96
Thickness (inches)	R-Value (°F-hr-ft2 / Btu)	Vapor Perm (perm)
1	6.7	.87
1 ½	10	.58
2	13	.44
4	27	.22
*Note: As with all insulating materials, the R-Value will vary with age and use conditions		

Maintenance:

Periodic maintenance of Pro-Tech Products coating and roof systems ensures extended performance and reduces life cycle costs.

Technical Service:

Additional information, product brochures and guide specifications are available. Customized application instructions are also available from our technical experts.

Installation

- Power broom and vacuum all loose gravel, dirt and other foreign objects from the roof's surface.
- Examine roof for areas where cold applied materials may have been used. Remove these materials from any areas that have been applied in excessive amount or remain tacky.
- Cut out all blistered areas, de-laminated areas and damaged or wet roof insulation prior to the application of new materials.
- Metal surfaces to be spray foamed shall be of dust, loose scale, rust, dirt, grease, oil or any other contaminant.
- Prime Roof surfaces, if appropriate, with Pro-Tech Acrylic Prime roof primer at the rate of ¼ to 1/3 gallons per 100 square feet.
- Mask all areas on the immediate roof and all adjacent areas that are intended to remain uncoated. Mask all edges to ensure straight and neat edges and terminations.
- If necessary, air conditioners and other roof mounted mechanical equipment shall be raised to access and thoroughly foam and coat the roof underneath. A 24" minimum access is required to correctly address these areas. Any deterioration of sleepers, frames, seals, gaskets or pans will require replacement.
- For application details, see specific Guide Specifications.

Approvals

This system is classified per UL Standards



For specific roof assembly approvals refer to the PTP Application Information or contact Pro-Tech for additional details. The building code and listed guides provide additional information:

- International Building Code (IBC) Section 2603
- CPI Fire Safety Guidelines for Use of Rigid Polyurethanes and Polyisocyanurate Foam Insulation in Building Construction
- CPI Bulletin AX 151: Guidelines for the Responsible disposal of Waste and Containers from Polyurethane Processing