



Thermoplastic Single Ply and Multi-Ply Roofing Systems

2670 Leisch's Bridge Road, Suite 400, Leesport, PA 19533 Phone (610) 916-9500 Fax (610) 916-9501

FLEX GREEN GUARD PB6W FAN FOLD ROOFING RECOVERY BOARD

DESCRIPTION

Flex Green Guard PB6W Fan Fold is the first and only fan folded roofing recovery board that combines moisture resistance, exceptional layflat, and all plastic construction. Its innovative design offers contractors easy installation, labor/time savings and long-term performance.

USES

Flex Green Guard PB6W Fan Fold can be used in both mechanically attached and loose-laid and ballasted roofing systems.

FEATURES

- Provides reliable on-the-job performance.
- Resists moisture damage, swelling or warping.
- Plastic facers help protect roofing membrane from penetration damage due to foot and mechanical traffic.
- Lightweight, easy to install 4'x50' fan fold bundles unfold quickly to cover a 200 square-foot area of roof and can be cut with a common utility knife.
- Significant installation time and labor savings.
- Flex Green Guard PB6W Fan Fold features an advanced cut-and-fold hinge, Fan Fold lays flat over most existing roof systems whether smooth or gravel surfaced.

DIMENSIONS/PACKAGING

Thickness (inches)	0.375	Bundles/Pallet	30	Square Feet/Bundle	200
Bundle Dimensions (feet)	4 x 50	Square Feet/Pallet	6000		

PHYSICAL PROPERTIES:

<u>Property</u>	<u>ASTM Test Method</u>	<u>Flex PB6W</u>
R-Value ¹ (°F-ft ² -h/Btu @ 75°F)	C518	1.5
Water Vapor Transmission Rate (perm)	E96 (Procedure A)	0.6
Water Absorption ² (% Vol.)	C272	0.40
Compressive Strength (Avg. psi @ 10% Deflection)	D1621	12
Fire Characteristics ³	E84/UL723	
Flame Spread		10
Smoke Developed		45-140
Maximum Recommended Constant Use Temperature (°F)		165
Average Weight (1lbs./1000 sq. ft.)		105

¹Specimens are aged and tested in accordance with FTC "R-Value Rule" (16 CFR, Part 460).

²Due to the imprecision of the test method, values can be expected to range between 0.0 and the value shown.

³These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions. Core data.

FLEX GREEN GUARD 3/8" PB6W COMPLIANCE

<u>Agency/Organization</u>	<u>Report/Standard Number</u>
ASTM Specification	Non Applicable
Building Officials and Code Administrators International Inc. (BOCA)	95-44
California Bureau of Home Furnishings License Number (CA BHF)	TB 1334
Canada-Underwriters Laboratories, Inc. (Roof System Approvals/Listings)	See ULC Product Directory
Factory Mutual Systems Approvals (FM)	See FM Roofing Materials Directory
International Conference of Building Officials (ICBO)	4280
Minnesota Department of Energy, Chapter 7640	Yes
Southern Building Code Congress International, Inc. (SBCCI PST & ES)	9736
Underwriters Laboratories, Inc. (UL) Classification Certificate	A184
Underwriters Laboratories, Inc. (UL) Roof System Approvals/Listings	See UL Roofing Materials Directory

STORAGE AND HANDLING

When stored outdoors, all material should be protected from exposure to direct sunlight using an opaque light-colored tarp or the original packaging. Material that has been unwrapped should be carefully rewrapped.

WARNING

Although Flex Green Guard PB6W Roofing Recovery Board contains a flame retardant additive intended to inhibit a small source fire, it, like most commercially available plastic foam insulations, is combustible and should not be exposed to flame or other ignition sources. This material may constitute a fire hazard if improperly used.

COAL TAR PITCH ROOF SYSTEMS

Flex Green Guard PB6W Fan Fold can be installed directly over existing coal tar roof systems if the roof has not been resaturated within the previous 4 years (otherwise use a polyethylene separator sheet between the Flex Green Guard PB6W and the existing roof system.) In addition, the new roof system must be designed to limit the maximum coal tar temperature to 110°F to prevent volatiles from escaping from the existing system and attacking the Flex Green Guard PB6W. The design temperature at the surface of the Flex Green Guard PB6W installed over existing coal tar pitch roofs shall not exceed 165°F during installation or use.

LIMITED WARRANTY

The manufacturer believes the information and recommendations herein to be accurate and reliable. However, since use conditions are not within its control, the manufacturer does not guarantee results from use of such products or other information herein and disclaims all liability from any resulting damage or loss. **No warranty, express or implied, is given as to the merchantability, fitness for particular purpose, or otherwise with respect to the products referred to.**