

GreenGuard®

PB6W Roofing Cover Board

For use with mechanically-fastened and ballasted EPDM, TPO & PVC single-ply roof membranes



- Creates a smooth surface over gravel roofs
- Highly moisture resistant
- Maintains integrity
- UL Classified
- Compare to alternates based on weight, durability, product cost, handling and installation labor
- White facers

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Description

Kingspan GreenGuard® PB6W Roofing Cover Board comprises closed-cell extruded polystyrene (XPS) with high-impact white facers on both sides.

Kingspan GreenGuard® PB6W Roofing Cover Board 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 Kingspan GreenGuard® PB6W Roofing Cover Board 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 Kingspan GreenGuard® PB6W Roofing Cover Board. The design temperature at the surface of the Kingspan GreenGuard® PB6W Roofing Cover Board installed over the existing coal tar pitch roof shall not exceed 165°F during installation or use.

Kingspan GreenGuard® PB6W Roofing Cover Board is designed for use in conjunction with most CPA, NBP and PVC roof membranes. Since different test methods are used to measure plasticizer migration, the PVC roof membrane manufacturer should be contacted to confirm approval for use of Kingspan GreenGuard® PB6W Roofing Cover Board. Kingspan GreenGuard® PB6W Roofing Cover Board can also be used in conjunction with CPE/TPM, CSPE/CSM, EIP, EPDM, TPA and TPO roof membranes. Refer to the Kingspan GreenGuard® Roofing Cover Board Installation Guide for more information.

Compliance

Intertek CCR 1022;
CA BEARHFTI Lic. No. T 1506;
Florida Product Approval
Miami-Dade County, FL
UL Classified - R11183

Handling & Storage

When stored outdoors, XPS should be protected from exposure to direct sunlight using the original packaging or an opaque, light-colored tarp. XPS that has been unwrapped should be covered or rewrapped. XPS left exposed should be covered within 60 days to minimize UV damage. Once the exposed XPS is covered, the damage stops and is limited to the thin layer of cells on the surface that was exposed to the UV. XPS cells below the UV exposed surface layer are generally undamaged and the XPS overall performance remains intact.

WARNING: This product is combustible. A protective barrier or thermal barrier is required as specified in the appropriate building code. Protect it from exposure to open flame or other ignition sources during shipping, storage and installation.

Health & Safety

WARNING: Do not stand on or otherwise support your weight on this product unless it is fully supported by a load bearing surface. For detailed safe handling and safety information, refer to product SDS.

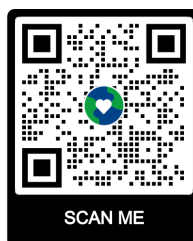
Product Data		
Property	Test Method	Result
General		
Nominal Thickness (in)		3/8
Nominal Bundle Dimensions (ft)		4 x 50 fanfold
Compressive Strength, Min. (psi@10% deflection)	ASTM D1621	15
Density, Min. (lb/ft ³)	ASTM C303	2.9
Water Absorption, Max. (% by volume)	ASTM C272	0.21
Water Vapor Permeance (perm)	ASTM E96 (Desiccant Method)	0.08
Recommended Service Temp., Max. (°F)		165
Weight (lb /1000 ft ²)		84
Thermal		
Thermal Resistance, R-value ¹ (°F·ft ² -hr /Btu)	ASTM C518 (@75°F Mean Temperature)	1.5
Fire & Smoke		
Flame Spread ² Smoke Developed ²	ASTM E84 /UL723	15 (Class A) 50

¹Specimens are aged and tested in accordance with FTC Rule (16 CFR, Part 460) and ASTM C 578.

²These numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this material under actual fire conditions. All applicable building codes must be followed.

For more information on specific building product recommendations and installation guidelines, contact your Kingspan Insulation LLC representative.

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Please scan the QR code for the most recent product information.

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