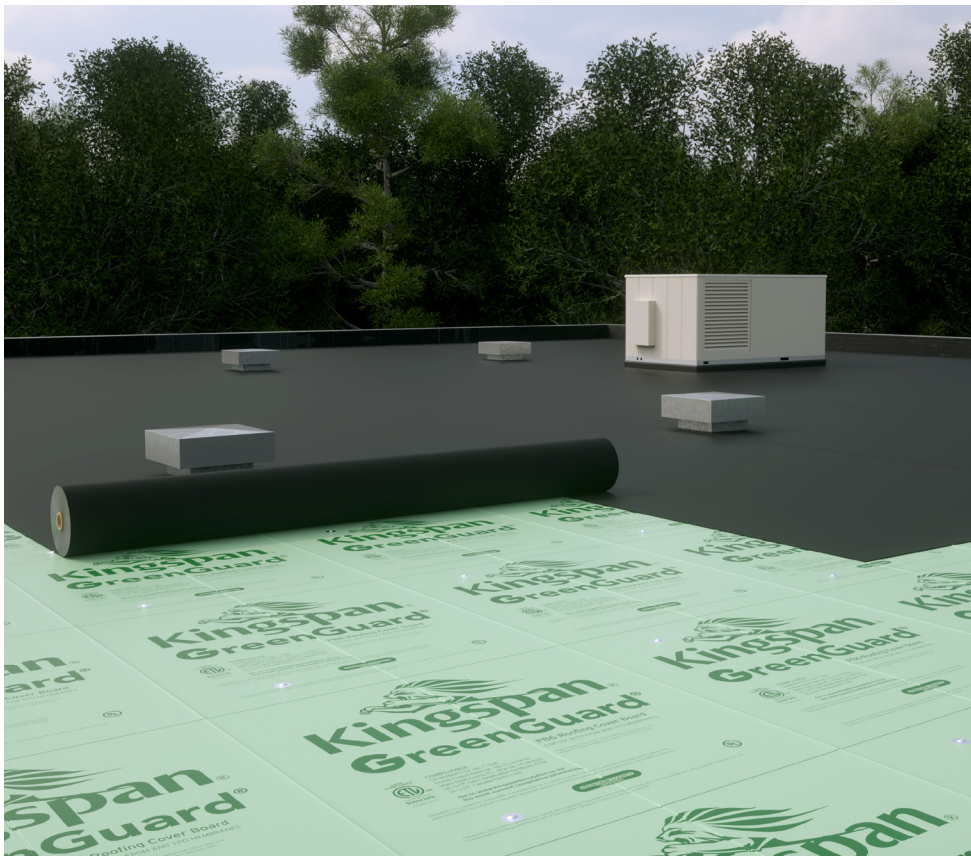


GreenGuard®

PB6 Roofing Cover Board

For use with mechanically-fastened and ballasted EPDM & TPO single-ply Roof Membranes



- Creates a smooth surface, even over most gravel-surfaced roofs
- Highly moisture resistant
- Maintains integrity
- UL Classified
- Less than 16 lb. per 200 sq. ft. bundle
- Compare to alternates based on weight, durability, product cost, handling and installation labor

GreenGuard[®] PB6 Roofing Cover Board

Description

Kingspan GreenGuard[®] PB6 Roofing Cover Board comprises closed-cell extruded polystyrene (XPS) with high-impact facers on both sides.

Kingspan GreenGuard[®] PB6 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[®] PB6 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[®] PB6 Roofing Cover Board. The design temperature at the surface of the Kingspan GreenGuard[®] PB6 Roofing Cover Board installed over the existing coal tar pitch roof shall not exceed 165°F during installation or use.

Compliance

Intertek CCR 1022;
CA BEARHFTI Lic. No. TB 1506;
Florida Product Approval - No. FL14164;
Miami-Dade County, FL - NOA;
UL Classified - R11183

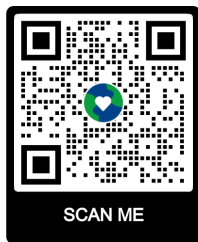
Handling & Storage

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.



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

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kingspan-green-guard-pb6-product-data-sheet-en-us-ca-v5.2

Version 5.2 - 11/2023

Product Data		
Property	Test Method	Result
General		
Nominal Thickness (in)		3/8
Nominal Bundle Dimensions (ft)		4 x 50 fanfold
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)		80
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	10 (Class A) 140

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

² These 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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