

# GreenGuard®

## Plygood® Sheathing

For use as non-structural insulating wall sheathing



- Lightweight, durable, and easy to use.
- R-value of 1.5
- Highly moisture resistant
- Retains insulating properties over time

# GreenGuard® Plygood® Sheathing

## Description

Kingspan GreenGuard® Plygood® Sheathing comprises 3/8" thick closed-cell polystyrene (XPS). It is designed to be used in non structural wall areas as an economical alternative to osb. It is lightweight, easy to install, while adding superior insulation and moisture resistance to the wall structure.

## Compliance

Intertek CCRR-1022;  
CA BEARHFTI Lic. No. T 1506;  
UL Listings - 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

Kingspan GreenGuard® Plygood® Sheathing is made of synthetic materials that are generally not recognized as providing a food source for insects, fungus, mold or mildew. It should always be properly installed and stored. For detailed safe handling and safety information, refer to the product SDS.

The product should not be used as an exposed interior surface in buildings where people can be expected to be present. An approved fire protection barrier, such as 1/2" gypsum wallboard or equivalent, should be applied between this product and the interior of such buildings. Fire and building codes should be followed.

All assemblies should be evaluated for effectiveness and location of vapor retarders to avoid condensation and subsequent damage to structures (ASHRAE Handbook of Fundamentals). Since foam sheathings are non-structural, they must be installed over adequately braced framing in accordance with local building codes.

**WARNING:** Do not stand on or otherwise support your weight on this product unless it is fully supported by a load bearing surface.

## Kingspan Insulation LLC

2100 Riveredge Parkway | Suite 175  
Atlanta | Georgia 30328

T: +1 (800) 241 4402 F: +1 (678) 589 7325

E: [info@kingspaninsulation.us](mailto:info@kingspaninsulation.us)

[www.kingspaninsulation.us](http://www.kingspaninsulation.us)

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[kingspan-green-guard-plygood-sheathing-product-data-sheet-en-us-ca-v5.1](#)

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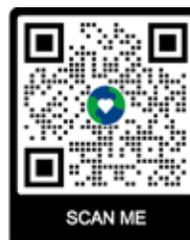
Product Data		
Property	Test Method	Value
General		
Nominal Thickness (in)		3/8
Nominal Board Width (ft)		4
Nominal Board Length (ft)		8,9
Thermal		
Thermal Resistance, R-value <sup>1</sup> (°F·ft <sup>2</sup> hr/Btu per in thick)	ASTM C518 (@75° Mean Temperature)	1.5
Thermal Conductivity, k-value (Btu-in/hr-ft <sup>2</sup> ·°F)	ASTM C518 (@75° Mean Temperature)	0.25
Fire & Smoke		
Flame Spread <sup>2</sup>	ASTM E84 / UL723	10 (Class A)
Smoke Developed <sup>2</sup>		140

<sup>1</sup>Specimens are aged and tested in accordance with the FTC Rule (16 CFR, Part 460) and ASTM C578.

<sup>2</sup>These numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by these materials 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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