

# GreenGuard®

## Plygood® Ultra Sheathing

For use as non-structural insulating wall sheathing



- Reinforced XPS sheathing
- Designed installation in high wind conditions
- Can be installed with roofing nails, staples or plastic cap nails
- Reinforcing scrim permits pneumatic nailer use
- Made of synthetic materials that are generally not recognized as providing a food source for insects, fungus, mold or mildew

# GreenGuard<sup>®</sup> Plygood<sup>®</sup> Ultra Sheathing

## Description

Kingspan GreenGuard<sup>®</sup> Plygood<sup>®</sup> Ultra Sheathing comprises 3/8" thick closed-cell polystyrene (XPS) with special reinforcing scrim facers on both sides to allow installation using pneumatic nailers. With the reinforcing facers the product is lightweight and easy to install with staples, roofing nails or plastic cap nails.

## 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<sup>®</sup> Plygood<sup>®</sup> Ultra 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 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.

Product Data		
Property	Test Method	Value
<b>General</b>		
Nominal Thickness (in)		3/8
Nominal Board Width (ft)		4
Nominal Board Length (ft)		8, 9
<b>Thermal</b>		
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
<b>Fire &amp; Smoke</b>		
Flame Spread <sup>2</sup> Smoke Developed <sup>2</sup>	ASTM E84 / UL723	10 (Class A) 140

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

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

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