

# GreenGuard®

## SLX Sheathing

For use as non-structural insulating wall sheathing.



- ½ in. sheathing R-value = 2.8
- Use in conjunction with structural sheathing to increase insulation and water resistance
- Reduce thermal bridging
- Available in thicknesses of ½ in., ¾ in. and 1 in.
- Shiplap edges overlap to eliminate gaps

# GreenGuard<sup>®</sup> SLX Sheathing

## Description

Kingspan GreenGuard<sup>®</sup> SLX Sheathing comprises ½", ¾" and 1" thick closed-cell extruded polystyrene (XPS) with tough film facers on both sides, along with shiplap edges to allow for overlap when installing.

Where alternate bracing is used, it can be used for Continuous Insulation (Ci) to fully sheath a house. In construction using wood corner bracing it can be used in non-structural wall sections to increase insulation and water resistance and reduce thermal bridging.

Its interlocking shiplap edges virtually eliminate energy-robbing seams and gaps. They also provide an extra barrier against moisture infiltration. With an R-value of 5.0 per inch of thickness, Kingspan GreenGuard<sup>®</sup> SLX Sheathing delivers excellent thermal performance, and its low moisture absorption means it won't swell or warp.

## Compliance

Intertek CCRR 1021;  
Intertek CCRR 1022;  
CA BEARHFTI Lic. No. T 1506;  
UL Listings- R11183.

GreenGuard XPS is not recommended for exterior wall applications over 6 stories tall. Contact Kingspan for approved applications.

## 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

SafetyKingspan GreenGuard<sup>®</sup> SLX Sheathing is made of synthetic materials that are generally recognized as not providing a food source for insects, fungus, mold, or mildew. It should always be properly installed and stored.

This 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 ½" 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.

Product Data		
Property	Test Method	Value
General		
Nominal Thickness (in)		½ ¾ 1
Nominal Board Width (ft)		4 4 4
Nominal Board Length (ft)		8/9 8 8
Recommended Service Temp., Max. (°F)		165
Thermal		
Thermal Resistance, R-value (°F.ft <sup>2</sup> .hr/Btu) <sup>1</sup>	ASTM C518 (@75°F Mean Temperature)	2.8 3.8 5.0
Fire & Smoke		
Flame Spread <sup>2</sup> Smoke Developed <sup>2</sup>	ASTM E84 /UL723	25 (Class A) 140

<sup>1</sup> Specimens were aged and tested in accordance with 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 this material under actual fire conditions. All applicable building codes must be followed.

<sup>3</sup> R-values listed are in accordance with the testing requirements of ASTM C578 and are based on 1" aged product at 75°F mean temperature.

To ensure you are viewing the most recent and accurate product information, please visit this link <https://www.kingspan.com/us/en/products/rigid-insulation/insulated-sheathing/greenguard-slx/>

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

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