

Insulation



GreenGuard® SLX Sheathing

FOR USE AS NON-STRUCTURAL INSULATING WALL SHEATHING



- ½ in. sheathing R-value = 3.0
- Use in conjunction with structural sheathing to increase insulation and water resistance
- Reduce thermal bridging
- Lightweight
- Easy to cut
- 4 ft. x 8 ft. or 4 ft. x 9 ft. sheets
- Available in thicknesses of ½ in., ¾ in. and 1 in.
- Shiplap edges overlap to eliminate gaps
- Does not absorb water
- Strong film facers help wind resistance during installation



Installed by:



GreenGuard® SLX Sheathing

Description

Kingspan GreenGuard® 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® 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;
CCMC 12722-L;
MN Dept. of Energy – Chapter 7640;
UL LLC – See Classification Certificate A183.

Handling & Storage

When stored outdoors, all product should be protected from exposure to direct sunlight using the original packaging or an opaque, light-colored tarp. Material that has been unwrapped should be covered or rewrapped.

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® 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
Water Absorption, Max. (% by volume)	ASTM C 272	0.1		
Recommended Service Temp., Max. (°F)		165		
Thermal				
Thermal Resistance, R-value (°Fft ² ·hr/Btu) ¹	ASTM C 518 (@75° Mean Temperature)	3.0	4.0	5.0
Fire & Smoke				
Flame Spread ² Smoke Developed ²	ASTM E 84 / UL 723	15 (Class A) 140		

¹ Specimens were 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.



Installed by:



(412) 885-1900

Visit Our Showroom (by Appt.): 3606 Library Road (Rt. 88) Pgh., PA 15234