



## GreenGuard® XP38 Siding Underlayment

FOR USE IN REPLACEMENT SIDING OPERATIONS TO PROVIDE A LEVEL SURFACE OVER OLD SIDING, ADD INSULATION AND WEATHER PROTECTION



- Lightweight, durable...cuts clean and easy
- Convenient 4' x 50' fanfold
- Premium XPS performance
- Made of synthetic materials that are generally not recognized as providing a food source for insects, fungus, mold or mildew
- Perforated to allow moisture vapor to escape
- Provides a smooth, level nailing surface for new siding
- XFP38 has reflective surface on one side for added energy efficiency



# GreenGuard® XP38 Siding Underlayment

## Description

Kingspan GreenGuard® XP38 Siding Underlayment comprises 3/8" thick closed-cell polystyrene (XPS) with perforated capsheets on both sides. It is configured in fanfolded bundles 4' x 50' with cut-n-fold hinges. It is lightweight and easy to cut and install. It is designed to be used as a "leveling board", added insulation and added moisture protection in installation of new vinyl siding over old siding. It is available with a reflective surface on one side, Kingspan GreenGuard® XFP38 Siding Underlayment, for added energy efficiency.

## Superior Stiffness for the Smoothest Finish

Panel rigidity, water-resistance, durability, easy cutting and excellent lay-flat properties make this product the very best fanfold siding underlayment.

## Compliance

Intertek CCRR-1022;  
CA BEARHFTI Lic. No. T 1506;  
Canada CCMC 12764-R;  
MN Dept. of Energy Chapter 7640;  
UL LLC - See Classification Certificate A184.

## 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 and 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® XP38 and XFP38 Siding Underlayment are 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.

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.

PS-XP38\_XFP38 042021

## Product Data

Property	Test Method	Value	
		Kingspan GreenGuard® XP38 Siding Underlayment	Kingspan GreenGuard® XFP38 Siding Underlayment
General			
Nominal Thickness (in)		3/8	3/8
Nominal Width( ft)		4	4
Nominal Length (ft)		50	50
Water Absorption Max (% by volume)	ASTM C 272	2.0	2.0
Water Vapor Permeance (Perm)	ASTM E 96 (Desiccant Method)	1.7	1.7
Thermal			
Thermal Resistance, R-value <sup>1</sup> (°F·ft <sup>2</sup> hr/Btu per in thick)	ASTM C 518 (@75° Mean Temperature)	1.5	3.5 <sup>3</sup>
Fire & Smoke			
Flame Spread <sup>2</sup>	ASTM E 84 /	10	10 (Class A)
Smoke Developed <sup>2</sup>	UL723	140	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.

<sup>3</sup> System R-value are calculated in accordance with the "ASHRE Handbook of Fundamentals" using a 1/2" uniform parallel dead air space. The R-values of this products installed without an air space is 0.9.

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

For the most current product and compliance information go to [www.kingspaninsulation.us](http://www.kingspaninsulation.us)

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**Kingspan Insulation LLC**

2100 RiverEdge Parkway, Suite 175, Atlanta, Georgia 30328  
info@kingspaninsulation.us

1-800-241-4402

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

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