

GreenGuard® DC14 DRAINAGE SIDING UNDERLAYMENT DATA SHEET



Description GreenGuard® DC14 is a ¼-inch thick extruded polystyrene siding underlayment designed with contoured drainage channels that assist in the management of water that penetrates the exterior siding or covering.

TYPICAL PHYSICAL PROPERTIES

<u>Property</u>	<u>Test Method</u>	<u>GreenGuard® DC14</u>
R-Value¹	ASTM C 518	1.0
Water Vapor Transmission Rate (perm)	ASTM E 96 (Procedure A)	1.1
Water Absorption (Max. % by Volume)	ASTM C 272	0.2
Drainage Efficiency³ (% Water Drained)	ASTM E 2273	93.0%
Fire Characteristics²	ASTM E 84/UL 723	
Flame Spread		25
Smoke Developed		250
Weight (lbs./1000 ft²)		50
Maximum Recommended Use Temperature (°F)		165

For the most current product and compliance information, go to www.green-guard.com

¹ Specimens were aged and tested in accordance with FTC Rule (16 CFR, Part 460).

² These numerical flame spread and smoke ratings are not intended to reflect hazards presented by these materials under actual fire conditions(foam only). See UL Classification Certificate A184.

³ Drainage testing was conducted in accordance with ASTM E 2273-03 using cementitious base coat as required for EIFS and adhered veneers. The GreenGuard® DC14 was installed over a water-resistive barrier/building wrap and the base coat was installed directly over the DC14, thus a drainage space was provided between the DC14 and the building wrap.

These products should not be used as an exposed interior surface in buildings where people are expected to be present. An approved fire protection barrier, such as 1/2" gypsum wallboard or equivalent material must be used to separate foam plastic insulation from the interior of such buildings. Applicable fire and building codes must be followed.

Since foam sheathings are non-structural, they must be installed over adequately braced framing in accordance with local building codes.

All assemblies should be evaluated for effectiveness and location of vapor retarders to avoid condensation and subsequent damage to structures (see ASHRAE Handbook of Fundamentals).

WARNING: Foam plastic insulation will ignite if exposed to fire of sufficient heat and intensity. Protect foam insulation from exposure to open flame or other ignition sources during shipment, storage, and installation.

Storage and Handling: When stored outdoors, all material should be protected from exposure to direct sunlight using an opaque light-colored tarp or the original packaging. Material that has been unwrapped should be carefully rewrapped.

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GreenGuard® DC14 DRAINAGE SIDING UNDERLAYMENT FACT SHEET

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Packaging Information

Property/Dimension	GreenGuard® DC14
R-Value¹	1.0
Nominal Thickness	1/4"
Width²	48"
Length²	48'
Bundles/Pallet	45
Square Feet/Bundle	192
Square Feet/Pallet	8640

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¹ Specimens were aged and tested in accordance with FTC Rule (16 CFR, Part 460).

² These dimensions apply to each fanfolded bundle

READ THIS BEFORE YOU BUY!

What you should know about R-values.

The chart shows the R-value of this insulation. “R” means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you’ll save on fuel.

To get the marked System R-value, it is essential that this insulation be installed properly. If you do it yourself, get instructions. Instructions do not come with this package.

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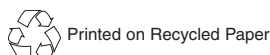
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Pactiv’s GreenGuard Fanfold Siding Underlayments are ENERGY STAR Qualified product as a part of EPA’s Home Sealing Effort.

DSFS-DC14
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