

THERMALGUARD™

OC.5 | OC.5X | OC1 | CC2 | CC2ECO

Our full line of low odor, high-yield spray polyurethane foam (SPF) insulation products are designed with wide application windows to make it easier for you and your SPF crew to succeed in the field.



DESIGNED WITH YOU IN MIND



Easy to apply, with wide application window and temperature tolerance



Excellent adhesion in a wide range of ambient conditions and applications



Thick passes overhead without dripping



Exceptional yield and reduced waste



Superior performance for lasting building efficiency

WE'RE COMMITTED TO BUILDING YOUR BUSINESS

Rhino Linings boasts 30 years of product innovation and brand dominance. With a customer base of more than 2,000 independently owned and operated businesses in over 80 countries, Rhino Linings spray foam contractors are backed by superior products, a strong technical team and a brand that drives sales.

Become a Rhino Linings spray foam contractor
Call 877.358.1320, or visit spf.rhino linings.com/join



RHINO LININGS® SPRAY FOAM INSULATION

Rhino Linings spray foam insulation products play a crucial role in ensuring your customer's building operates efficiently as a system, minimizing leaks and keeping conditioned air inside. When used with other responsible building practices, ThermalGuard by Rhino Linings can save your customers up to 50% on heating and cooling costs compared to traditionally insulated structures.*

THERMALGUARD™ OC.5

R-value: 3.8/inch
Density: ½ lb/ft³



ThermalGuard OC.5 is a high-yield, open cell, Class 1 fire-rated, 100% water-blown spray polyurethane foam insulation designed for use in residential and commercial walls, attics and roof decks. When applied, ThermalGuard OC.5 expands to over 100 times in size in approximately 4 seconds, filling and sealing building cavities of any shape and size. It is sprayer-friendly, offering a wide-application window and temperature tolerance and excellent adhesion when installed in cold temperatures down to 15°F.

ThermalGuard OC.5 seals and insulates in one step, helping property owners reduce energy consumption by up to 50% when compared to conventional insulation systems. Its superior thermal insulation, sealant and sound attenuation properties contribute to a healthy, quiet and more energy efficient building.

THERMALGUARD™ OC.5X

R-value: 3.8/inch
Density: ½ lb/ft³



ThermalGuard OC.5X is a fast set, open-cell, Class I fire-rated, Appendix X compliant, 100% water-blown spray polyurethane foam insulation system designed to reduce energy consumption in residential and commercial structures up to 50% by insulating and air sealing the thermal envelope in a single step.

ThermalGuard OC.5X is applied as a liquid and then expands over 100x in seconds to fill and seal building cavities of any shape or size. It exhibits superior thermal insulation, air-barrier, and sound attenuation properties compared to conventional insulation materials, and can be used in attics and crawlspaces without prescriptive ignition barrier, thermal barrier or intumescent coating. Once fully cured ThermalGuard OC.5X remains soft and flexible allowing for movement of the substrate or building over time while maintaining proper insulation and air sealing of the building envelope.

THERMALGUARD™ OC1

R-value: 4.7/inch
Density: 1 lb/ft³



ThermalGuard OC1 is an open cell, 100% water-blown spray polyurethane foam insulation system with a density of 1.0 lb and an R-value of 4.7 per inch. When applied, ThermalGuard OC1 expands to over 50 times in size in approximately 8 seconds, filling and sealing building cavities of any shape and size. It achieves twice the yield of 2.0 lb spray foam while reducing waste and cleanup time by up to 50% compared to that of a ½ lb spray foam insulation.

ThermalGuard OC1 satisfies energy code in most climate zones at less than 4 inches and is designed for use in wall, attic and roof-deck applications where cavity depth is limited.

THERMALGUARD™ CC2

R-value: 6.85/inch
Density: 2 lb/ft³



ThermalGuard CC2 is a closed cell, 245fa-blown spray polyurethane foam insulation that achieves exceptional yield and adhesion in a wide range of ambient conditions and applications. When applied, ThermalGuard CC2 expands to 25 times its size in approximately 12 seconds to seal and insulate. It can safely be applied in lift thickness of up to 4 inches in a single pass with excellent control and a smooth finish, achieving Appendix X compliance without any additional coatings.

ThermalGuard CC2 is designed for use in wall, attic and roof deck applications where it insulates, air-seals and adds structural strength. It's also suitable for tank and pipeline insulation and as a below grade exterior insulation for foundation walls or slabs. ThermalGuard is Class I fire rated and has an R-value of 6.85 per inch.

THERMALGUARD™ CC2ECO

R-value: 6.7/inch
Density: 1.8 lb/ft³



ThermalGuard CC2 ECO is a fast set, closed cell, spray polyurethane foam insulation that utilizes an HFO (hydrofluorolefin) blowing agent. This blowing agent features a GWP of 1 and is an ideal, non-hydrofluorocarbon blowing agent option that still delivers the performance that contractors demand.

ThermalGuard CC2 ECO is designed for use in residential and commercial structures, exterior foundation or perimeter insulation, below grade applications, exterior tank/pipe insulation, and more. It is applied as a liquid and expands 25x in seconds to fill and seal building cavities of any shape and size. It exhibits superior thermal insulation, air-barrier, and sound attenuation properties compared to conventional insulation materials. Once fully cured, ThermalGuard CC2 ECO remains rigid maintaining significant structural strength and thermal insulation properties in adverse conditions across a wide variety of applications.



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*Based on case studies, modeling and project profiles at <http://spf.rhino linings.com>. Rhino Linings SPF products are spray polyurethane foams. During application, precautions should be taken by applicators, helpers and building occupants to protect them from fumes, mists and spills. Product information and specifications subject to change without notice. For the most current product information, please consult <http://spf.rhino linings.com>. ©2018 Rhino Linings Corporation. All rights reserved. 7207v5 010818