

THERMAFIBER® RAINBARRIER® HD LANA MINERAL PARA AISLAMIENTO

Thermafiber® RainBarrier® HD es un panel semi rígido de lana mineral de alta densidad con una densidad constante de 6,0 pcf (96 kg/m³) en todo el espesor del producto.

Está diseñado para un rendimiento excepcional en aplicaciones de construcción de paredes huecas y pantallas contra la lluvia. El aislamiento de lana mineral proporciona control térmico, características de resistencia al fuego, control acústico, permeabilidad al vapor y la capacidad de drenar el agua.

Todos los productos Thermafiber® RainBarrier® no son combustibles y son compatibles con sistemas de fijación, adhesivos y sistemas de barrera de aire comunes.

Características

- No combustible, no se deteriora, es inorgánico.
- Repele agua y permite que drene
- Ayuda a conservar energía y reducir las emisiones de gases de efecto invernadero.
- Resistente al fuego a temperaturas superiores a 2000 °F (1093 °C)
- Mejora sustancialmente el aislamiento acústico
- Mínimo 70% de contenido reciclado
- Contribuye a créditos en varios programas de construcción sustentable, como LEED® y Green Globes®

Cumplimiento de Normas y Código

- ASTM C612, Mineral Fiber Block and Board Thermal Insulation, Types IA, IB, II, III, IVA, IVB

Datos Técnicos

TESTED TO ASTM C518

Actual Density	"k" @ 75° [24°C] BTU.in/hr. sq. ft. °F	"R" value per inch of thickness ²
6.0 pcf	0.23	4.3

² R = thickness divided by "k."

Rendimiento Acústico

ESPESOR	COEFICIENTES DE ABSORCIÓN DE ACUERDO A ASTM C423						
	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	NRC
2"	0.36	0.79	1.15	1.04	1.01	1.04	1.00
4"	1.15	1.17	1.18	1.03	1.06	1.08	1.10
6"	1.18	1.01	1.11	1.03	1.06	1.10	1.05

Propiedades Físicas

PROPERTY	TEST METHOD	VALUE
Corrosion of Steel, Aluminum, and Copper	ASTM C665	Pass
Stress Corrosion —Austenitic Stainless Steel	ASTM C795	Pass
Non-Combustibility	ASTM E136	Non-combustible
Non-Combustibility	CAN/ULC S114	Complies
Water Vapor Permeance	ASTM E96	Unfaced, 50 perm as tested
Water Vapor Sorption	ASTM C1104	Absorbs 0.03% by volume
Linear Shrinkage	ASTM C356	<2% @ 1,200°F (650°C)
Surface Burning Characteristics	ASTM E84	Flame Spread 0, Smoke Developed 0
Surface Burning Characteristics	CAN/ULC S103	Flame Spread 0, Smoke Developed 5
Fungi-Resistance	ASTM C1338	Complies

Disponibilidad inmediata

PRODUCTO	ESPESOR	STANDARD DIMENSIONS ^{3,4}
RainBarrier® HD	3"	24" x 48"
Tolerances	+1/4", -1/8"	Width: ±1/8", Length: ±1/2"

³ See our product guide for more details.

⁴ Custom sizes are available upon request.

Instalación

Thermafiber, Inc. recommends mechanical attachment of Thermafiber® RainBarrier® insulation products. See Owens Corning publication "Thermafiber® RainBarrier® Continuous Insulation Guide"(Pub. No. 10021356) for more information.

Medio Ambiente y Sustentabilidad

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services.

Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.com.



Certificaciones y Sustentabilidad

- ¹Verified by ICC-ES to contain a minimum of 70% recycled content. See ICC-ES Evaluation Report VAR-1025 at icc-es.org.
- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information, visit ul.com/epd.
- Health Product Declaration® (HPD).



Declare.



Made in the USA

Exención de Responsabilidad

Thermafiber, Inc. shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Thermafiber, Inc. liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing within thirty (30) days from date it was or reasonably should have been discovered.

LEED® is a registered trademark of the U.S. Green Building Council.

Green Globes® is a registered trademark of Green Building Initiative, Inc.

Nota

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.



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