

# Technical Information Sheet

Image Coming Soon

## Enverge™ CI Glass Exterior Wall Insulation

Item Description	Item Number
Exterior Wall Insulation	See Product Data Below

### Description

Enverge CI Glass Exterior Wall Insulation is not designed to be exposed for more than 60 days without adequate protection. All exposed foam core surfaces of Enverge CI Glass should be taped with a compatible waterproof tape to protect the insulation during the period between installation of Enverge CI Glass and the application of a finished exterior cladding.

### Post Installation Exposure

Enverge CI Glass Exterior Wall Insulation is not designed to be exposed for more than 60 days without adequate protection. All exposed foam core surfaces of Enverge CI Glass should be taped with a compatible waterproof tape to protect the insulation during the period between installation of Enverge CI Glass and the application of a finished exterior cladding.

### Storage

- Protect all insulation materials from moisture and direct sunlight during storage.
- Pallets of Enverge CI Glass Exterior Wall Insulation are packaged in a UV resistant polyethylene bag. This protective package is designed to protect Enverge CI Glass from the elements during shipment.
- Outdoor storage requires additional breathable, waterproof, light colored tarpaulins, and elevated storage at least 4" above the floor or ground.

### Precautions

- Enverge CI Glass Exterior Wall Insulation will burn if exposed to a flame of sufficient heat and intensity.
- Keep away from heat, sparks, and open flames.
- Holcim Solutions & Products US, LLC will not be responsible for specific building designs by others, deficiencies in construction or workmanship, dangerous conditions on the jobsite, or improper storage and handling of materials.
- The technical data shown is provided as a guideline and is subject to change without notice.
- Contact Elevate for additional information. Refer to Safety Data Sheets (SDS) for additional information.

**Product Data – Available Sizes: 4' x 8' (1.22 m x 2.44 m)**

Thickness inches    mm		Bundle Packaging	Bundle Square Feet	Bundle Square Meters	Item Number	R-Values	Recycled Content %
1.00	25.4	48 Panels	1536	142.9	W8CMEE1008	6.0	3.4
1.50	38.1	32 Panels	1024	95.3	W8CMEE1508	9.0	4.4
2.00	50.8	24 Panels	768	71.4	W8CMEE2008	12.1	5.2
2.50	63.5	19 Panels	608	56.6	W8CMEE2508	15.1	5.8
3.00	76.2	16 Panels	512	47.8	W8CMEE3008	18.1	6.3
3.50	88.9	13 Panels	416	38.6	W8CMEE3508	21.2	6.6
4.00	101.6	12 Panels	384	35.7	W8CMEE4008	24.2	7.0

**Typical Properties**

Property	ASTM Standard	Units	Value	Units	Value
Compressive Strength	D1621	psi	25	kPa	172
Density	D1622	pcf	2	Kg/m <sup>2</sup>	32
Dimensional Stability	D2126	%	2	%	2
Thermal and Humid Aging	D2126	pass/fail	pass	pass/fail	pass
Service Temperature	----	°F	-40 to 200	°C	-40 to 93.33
Moisture Vapor Transmission	E96	Perm	0.95	ng/(Pa·s·m <sup>2</sup> )	54.22
Hydrostatic Pressure Test	AATCC 127	pass/fail	pass	pass/fail	pass
Water Absorption	C209	% by volume	<1%	% by volume	<1%
Resistance to Mold	D3273	pass/fail	pass	pass/fail	pass
Air Permeance (Material)	E2178	cfm/ft <sup>2</sup>	0.0004	L/s/m <sup>2</sup>	0.002
Air Permeance (Assembly)	E2357	pass/fail	pass	pass/fail	pass
Surface Burning Characteristics*	E84	FSI/SDI	≤25/450	FSI/SDI	≤25/450
Vertical and Lateral Fire Propagation	NFPA 285	pass/fail	pass	pass/fail	pass
Potential Heat	NFPA 259	Btu/lb	<4200	kJ/kg	<9700

\*Surface Burning Characteristics – IBC 2603.5.4 compliant  
ASTM C1289, Type II, Class 2, Grade 3

Please contact Holcim Technical Services at 800-428-4511 for further information.

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For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: [www.holcimelevate.com](http://www.holcimelevate.com)

