

QUANTUM

BUTT-GLAZED

ENVIRONMENTAL DATA SHEET

Manufacturer: INFINIUM Wall Systems

Manufacturing Location: Strongsville, OH, 44149

Updated: 8.24.22



PRODUCT COMPOSITION AND MATERIAL SUSTAINABILITY

BASE MATERIAL	% BY WEIGHT	POST CONSUMER RECYCLED CONTENT	PRE CONSUMER RECYCLED CONTENT	END-OF-LIFE MANAGEMENT
Glass	92.5%	0%	0%	Recyclable if local jurisdiction allows
Aluminum	6.8%	31%	35%	Recyclable
Steel	0.5%	0%	0%	Recyclable
Plastic	0.2%	0%	0%	Recyclable if local jurisdiction allows

TOTAL RECYCLED CONTENT	<p>4.5%</p> <p>2.1% Post Consumer 2.4% Pre Consumer</p>
AIR QUALITY & VOC CONTENT	<p>INFINIUM Quantum Butt-Glazed partitions are SCS Indoor Advantage™ Gold certified for indoor air quality and conform to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the school classroom, private office, and single-family residence parameters.</p>
PRODUCT CIRCULARITY	<p>INFINIUM glass wall systems are non-structural elements that are demountable and can be salvaged or reused for future projects. For typical disposal, metal components can be recycled as metal scrap, and glass and plastic can be recycled if local jurisdiction allows.</p>

Disclaimer: The information and calculations presented in this document is intended to be representative of the materials, construction, and processing of a typical standard product configuration and does not factor in project specific components such as hardware, doors, and custom wall panels. Information provided in this document is based on data provided by suppliers and may include data based on industry averages or ranges. Document is subject to change without notice.

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LEED V4 MATERIAL INGREDIENT CREDIT

Option 1: Manufacturers Inventory
Reporting Threshold: 1000 PPM



COMPONENT	PERCENT OF FINAL PRODUCT	CAS #
Silicon Dioxide	67.5%	14808-60-7
Sodium Oxide	13.0%	1313-59-3
Aluminum	6.1%	7429-90-5
Calcium Oxide	8.3%	1305-78-8
Magnesium Oxide	2.8%	1309-48-4
Sodium Sulfate	0.6%	7757-83-7
Copper	0.1%	7440-50-8
Silicon	0.1%	7440-21-3
Iron	0.6%	1309-37-1
Magnesium	0.1%	1309-48-4
Nickel	0.0%	7440-02-0
Manganese	0.1%	7439-96-5

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