



Wall and Ceiling Panels

SELECTOR GUIDE

Unlimited Custom Options for Clean Rooms and High Containment Facilities

Arcoplast wall and ceiling panels are specifically designed for highly specialized facilities with strict requirements for environment control. Arcoplast glass fiber reinforced composite panels are composed of a solid glass/resin matrix with integrated features to meet specific design and performance requirement while retaining its simplicity in design and installation methods.

Complementing the ultra-high performance of the Arcoplast composite wall and ceiling panel system is the revolutionary Arcoplast finishing compound delivering a perfect bond and seal at the panel seams, cove sections and MEP's interface creating the ultimate monolithic contamination-control environment.

Arcoplast glass fiber reinforced composite panels are easily integrated with window and door openings, MEP's, laboratory and process equipment, fire suppressant and monitoring systems. The panels can be configured for both load and non-load bearing as well as free standing partitions, direct attached and walk-on ceiling systems or cladding existing surfaces. They deliver the highest level of performance in reference to functional and operational criteria for primary barrier construction with the highest level of reliability and maintainability.

Arcoplast products meet and exceed USDA, Canada Agriculture, FDA, NIH, CDC, BMBL, AS/NZS and USP 797 Compliant specific guidelines for maximum containment facilities.

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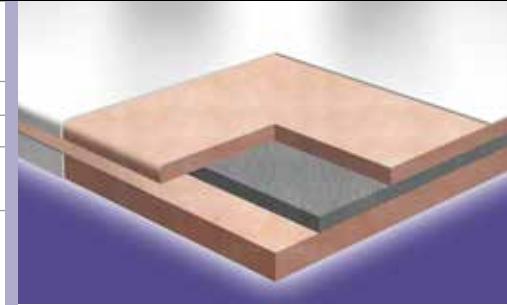
<p>NEW FOR 2015 Ultra Thin Panel Ultra thin—highly rigid panel, recommended for food, beverage and animal care facilities.</p>		<table border="1"> <tbody> <tr> <td>AVAILABLE THICKNESS</td> <td>3/16" (5mm)</td> </tr> <tr> <td>WEIGHT</td> <td>2.0lbs./sq.ft. (9.7Kg / sq. m)</td> </tr> <tr> <td>DIMENSION</td> <td>4'-0" (1.2m) up to 30'-0" (9.1m) in length</td> </tr> <tr> <td>EDGE</td> <td>Straight radius eased edges with square cut ends</td> </tr> <tr> <td>APPLICATION</td> <td>Designed specifically for cladding new or existing wall and ceiling surfaces</td> </tr> </tbody> </table>	AVAILABLE THICKNESS	3/16" (5mm)	WEIGHT	2.0lbs./sq.ft. (9.7Kg / sq. m)	DIMENSION	4'-0" (1.2m) up to 30'-0" (9.1m) in length	EDGE	Straight radius eased edges with square cut ends	APPLICATION	Designed specifically for cladding new or existing wall and ceiling surfaces	
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<p>High Containment Panel Kerfed radius edges to receive mechanical fastener for a comprehensive sealed interior envelope. Recommended for BSL-3, BSL-4, ABSL-3, cGMP, USP 797 Pharmaceutical, Vivarium and Research Laboratories.</p>		<table border="1"> <tbody> <tr> <td>AVAILABLE THICKNESS</td> <td>3/8" (9.5mm), 1/2" (12.5mm)</td> </tr> <tr> <td>WEIGHT</td> <td>3/8" panel (9.5mm) = 3.5lbs./sq.ft. (18.5Kg / sq. m), 1/2" panel (12.5mm) = 4.8 lbs./sq.ft. (24.8Kg/sq. m)</td> </tr> <tr> <td>DIMENSION</td> <td>4'-0" (1.2m) up to 30'-0" (9.1m) in length</td> </tr> <tr> <td>EDGE</td> <td>Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends</td> </tr> <tr> <td>APPLICATION</td> <td>Fasten directly to steel studs, masonry, concrete, existing substrates ceramic, glazed block, drywall</td> </tr> </tbody> </table>	AVAILABLE THICKNESS	3/8" (9.5mm), 1/2" (12.5mm)	WEIGHT	3/8" panel (9.5mm) = 3.5lbs./sq.ft. (18.5Kg / sq. m), 1/2" panel (12.5mm) = 4.8 lbs./sq.ft. (24.8Kg/sq. m)	DIMENSION	4'-0" (1.2m) up to 30'-0" (9.1m) in length	EDGE	Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends	APPLICATION	Fasten directly to steel studs, masonry, concrete, existing substrates ceramic, glazed block, drywall	
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<p>Super Duty High Containment Panel Extra thick with a kerfed radius edge to receive mechanical fastener for a comprehensive sealed interior envelope. Recommended for ABSL-3 and large animal facilities.</p>		<table border="1"> <tbody> <tr> <td>AVAILABLE THICKNESS</td> <td>3/4" (19mm)</td> </tr> <tr> <td>WEIGHT</td> <td>3/4" (19mm) = 6.7 lbs./sq.ft. (32.5Kg / sq. m)</td> </tr> <tr> <td>DIMENSION</td> <td>4'-0" (1.2m) up to 12'-0" (3.65m) in length</td> </tr> <tr> <td>EDGE</td> <td>Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends</td> </tr> <tr> <td>APPLICATION</td> <td>Designed to be fastened directly to structural steel framing members</td> </tr> </tbody> </table>	AVAILABLE THICKNESS	3/4" (19mm)	WEIGHT	3/4" (19mm) = 6.7 lbs./sq.ft. (32.5Kg / sq. m)	DIMENSION	4'-0" (1.2m) up to 12'-0" (3.65m) in length	EDGE	Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends	APPLICATION	Designed to be fastened directly to structural steel framing members	
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Lead Shield High Containment Panel

Lead shield inner core with a kerfed radius edges to receive mechanical fastener for a comprehensive sealed interior envelope. Recommended for environments requiring radiation protection.



AVAILABLE THICKNESS	1/2" (12.5mm)
WEIGHT	7.10 lbs./sq.ft. (35.32Kg / sq. m)
DIMENSION	4'-0" (1.2m) width up to 12'-0" (3.65m) in length
EDGE	Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends
APPLICATION	Designed to be fastened directly to light gauge steel framing members

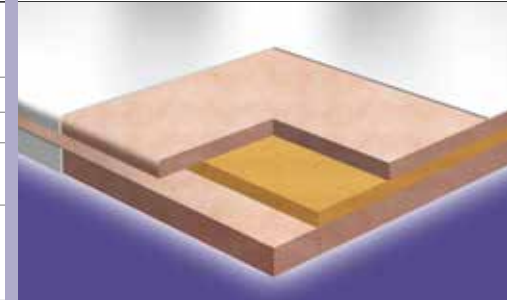


Copper Shield High Containment Panel

Copper shield inner core with a kerfed radius edges to receive mechanical fastener for a comprehensive sealed interior envelope. Recommended for environments requiring RF shielding enclosures.



AVAILABLE THICKNESS	1/2" (12.5mm)
WEIGHT	4.8 lbs./sq.ft. (24.8Kg/sq. m)
DIMENSION	4'-0" (1.2m) width up to 12'-0" (3.65m) in length
EDGE	Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends
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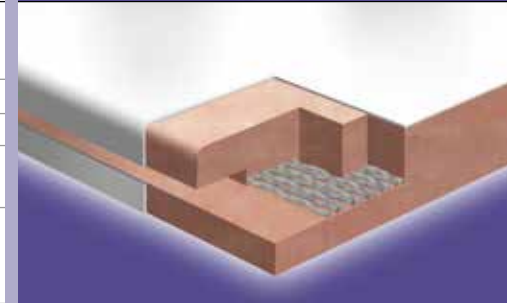


Steel Core High Containment Panel

Steel security mesh inner core with a kerfed radius edges to receive mechanical fastener for a comprehensive sealed interior envelope. Recommended for maximum level security environments.



AVAILABLE THICKNESS	7/8" (22mm)
WEIGHT	7.8 lbs./sq.ft. (38.3Kg / sq. m)
DIMENSION	4'-0" (1.2m) up to 12'-0" (3.65m) in length
EDGE	Straight radius eased edges, kerfed to receive mechanical fastener with square cut ends
APPLICATION	Designed to be fastened directly to structural steel framing members

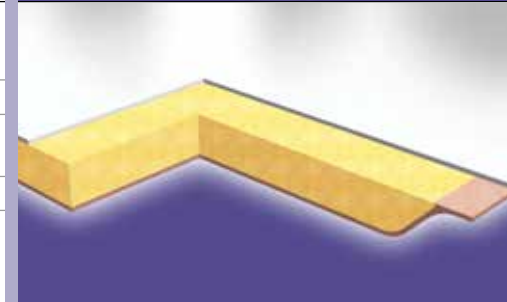


Insulated Ceiling Panel

High Density fiberglass core closed-edge panels that fits into an inverted T-grid system. Recommended when frequent ceiling access is needed.



AVAILABLE THICKNESS	1/2" (12.5mm), 1"(25mm), 1 1/2" (37.5mm) 2" (50mm)
WEIGHT	1/2" (12.5mm) = 1.2 lbs./sq.ft. (5.8Kg / sq. m)
DIMENSION	4'-0" x 4'-0" (1200 mm x 1200mm) 2'-0" x 4'-0" (600mm x 1200mm) 2'-0" x 2'-0" (600mm x 600mm)
EDGE	Fiberglass resin encapsulated closed edge
APPLICATION	Insulated closed edge ceiling tile fit in all inverted tee ceiling grid system



Composite Surfaces for Critical Environments
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