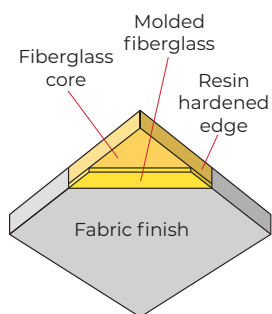




Respond® IR Direct-Attach Ceiling Panels

Respond® IR Direct-Attach Ceiling Panels offer increased impact resistance for high traffic areas without sacrificing on acoustic performance. A vast variety of fabric finish options, from the leading fabric suppliers, offer you great design customization. Ideal for hallways, lobbies, and restaurants: anywhere that requires increased impact resistance.

Product features



Core construction:

Dimensionally-stable 6-7 PCF fiberglass board, with a layer of 1/8" 16-20 PCF molded fiberglass, covered with custom fabric that is completely adhered to the face of the panel and returned to the back for a full finished edge. All corners are fully tailored. Edges are protected with resin hardening.

Size availability	Edge details	Finishes	Mounting	Shapes
<ul style="list-style-type: none"> Thicknesses: 5/8", 7/8", 1 1/8", 1 5/8", 2 1/8", 3 1/8" Max for 5/8", 7/8", 1 5/8": 4'x10' Max for 1 1/8", 2 1/8", 3 1/8": 4'x12' or 5'x10' 3 1/8" thickness: max of 16 sq. ft. 	<p>All edges are resin hardened, unless otherwise specified.</p> <p>Available choices include:</p> <ul style="list-style-type: none"> Square Radius Bevel Miter Kerf/Square 	<p>A wide variety of fabrics are available from all major brands, including:</p> <ul style="list-style-type: none"> Carnegie Maharam Designtex Knoll Guilford of Maine 	<p>Standard mountings:</p> <ul style="list-style-type: none"> Z-Bar to Z-Bar Resin spots Spline 	<p>✓</p>

Custom size is our standard.

Acoustic performance

The NRC of the products are determined from an average of sound absorption coefficients, obtained from tests conducted according to ASTM C423 procedures in an NVLAP accredited laboratory.

	HZ →	125	250	500	1000	2000	4000	NRC ↓
5/8" thickness		0.04	0.22	0.60	0.97	1.07	1.04	0.70
7/8" thickness		0.07	0.34	0.80	1.04	1.08	1.06	0.80
1 1/8" thickness		0.08	0.46	0.95	1.07	1.06	1.01	0.90
1 5/8" thickness		0.16	0.72	1.09	1.12	1.05	1.04	1.00
2 1/8" thickness		0.14	0.94	1.20	1.25	1.17	1.14	1.15
3 1/8" thickness		—	—	—	—	—	—	—

Additional properties

*Conwed products meet or exceed ASTM E84 standards for smoke development and flame spread on a component level.

	Fire rating*	Impact resistant	Scratch resistance	NAF available	Washable	Warranty
5/8" thickness	1/A (ASTM E84)	✓	—	—	✓	3 years (from date of shipment received)
7/8" thickness	1/A (ASTM E84)	✓	—	—	✓	
1 1/8" thickness	1/A (ASTM E84)	✓	—	✓	✓	
1 5/8" thickness	1/A (ASTM E84)	✓	—	—	✓	
2 1/8" thickness	1/A (ASTM E84)	✓	—	✓	✓	
3 1/8" thickness	1/A (ASTM E84)	✓	—	✓	✓	

Initiatives

Sustainability

Conwed is committed to driving sustainability wherever possible. By streamlining our processes and using recycled materials in our products, we strive to decrease our environmental impact. Our materials are certified by leading social responsibility groups and are helping us pave the way toward a more sustainable future.



For your LEED® projects, our products can help you qualify for different points depending on the product you choose. Contact us to learn more detailed information.

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