

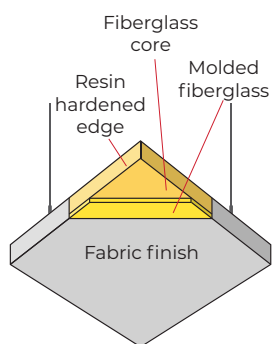


Respond® IR Clouds

Respond® IR Clouds 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 name history: Respond® IR Clouds were previously known as Skyway Ceiling Clouds. This name change occurred on 03/16/2020.

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: 1 1/8", 1 5/8", 2 1/8" Standard max: 4'x8' 	All edges are resin hardened, unless otherwise specified. Available choices include: <ul style="list-style-type: none"> • Square • Radius • Bevel • Miter 	A wide variety of fabrics are available from all major brands, including: <ul style="list-style-type: none"> • Carnegie • Maharam • Designtex • Knoll • Guilford of Maine 	Standard mountings: <ul style="list-style-type: none"> • Acoustical anchors • Resin spots • Rotofast 	✓

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 ↓
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		0.27	0.90	1.11	1.06	1.04	1.10	1.05

*These NRC values are from direct-attach tests of the same product. NRC values for this application are equal to or greater than these values.

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
1 1/8" thickness	1/A (ASTM E84)	✓	—	✓	✓	3 years (from date of shipment received)
1 5/8" thickness	1/A (ASTM E84)	✓	—	—	✓	
2 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.

Disclaimer of liability: Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Conditions of use may vary and are beyond our control, and because of this Conwed makes no representation about, and is not responsible or liable for, the accuracy or reliability of data associated with particular uses of any product described herein.