



Cloud

Conwed Clouds bring depth to any space, suspending high-performance acoustic solutions in a variety of shapes, sizes, and finishes. Great for filling in large halls, auditoriums, and gyms, while still adding an interesting look to spaces like offices and lobbies.

Data Sheet

Fabric | IR

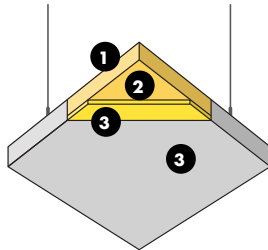
Respond Series

Conwed's fabric-wrapped products, known as the *Respond Series*, are made with the leading textile manufacturers. With the addition of a durable IR layer hidden beneath the fabric, **Fabric | IR products can have increased impact-resistance.**

Core construction

Dimensionally-stable 6-7 PCF fiberglass board for acoustic performance. Surface is completely adhered with a custom fabric, wrapping around to the back for fully-finished edges. Layer of 1/8" impact-resistnat (IR) material for added durability and tackability. Edges hardened for durability using resin.

1. Resin hardened edge
2. Fiberglass core
3. IR layer
4. Fabric finish



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
3 1/8" thickness	—	—	—	—	—	—	—

*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.

Max size availabilities

Custom size is our standard

Thickness	4'x10'	5'x10'	16 sqft
1 1/8"	✓	✓	
1 5/8"		✓	
2 1/8"	✓	✓	
3 1/8"			✓

NAF Core Thicknesses also available in No-Added-Formaldehyde cores are indicated with red checkmarks.



Edge details	Mounting	Finish
<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 	<p>Standard mountings:</p> <ul style="list-style-type: none"> • Acoustical anchors • Resin spots • Rotofast™ Cloud Anchors 	<p>A wide variety of fabrics are available from all major brands, including:</p> <p>Carnegie DESIGNTEX maharam Knoll Guilford of Maine</p>



Fire Rating

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



Impact Resistant

This product has an impact-resistant layer for protection in high-traffic areas.



Shapes

This product can be made into custom shapes for complex designs. Contact Customer Service for more info on how we can support your project.



Washable

Refer to the Maintenance & Cleaning Guide for more details.
conwed.com/cexp-maintenanceandcleaning



Warranty

3 years. Refer to Warranty for more details.
conwed.com/cexp-warranty

Sustainability initiatives



LEED®

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. To view our certificate visit conwed.com/cexp-LEED.

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