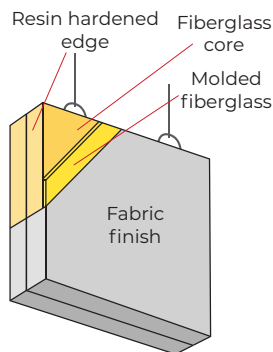




Respond® IR Baffles: Back-to-Back

Respond® IR Baffles 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. Fabric is returned to the back of each piece for a visible seam across all sides. All corners are fully tailored. Edges are protected with resin hardening.

| Size availability | Edge details | Finishes | Mounting | Shapes |
|--|---|---|--|--------|
| <ul style="list-style-type: none"> Overall thicknesses: 1 1/4", 1 3/4", 2 1/4", 3 1/4" Standard max: 4'x10' <p>Custom size is our standard.</p> | <p>All edges are resin hardened, unless otherwise specified.</p> <p>Available choices include:</p> <ul style="list-style-type: none"> Square Half Bevel | <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"> D-Rings | — |

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 | SABINS ↓ |
|--------------------------|-----|-----|-----|------|------|------|----------|
| 1 1/4" overall thickness | — | — | — | — | — | — | — |
| 1 3/4" overall thickness | — | — | — | — | — | — | — |
| 2 1/4" overall thickness | — | — | — | — | — | — | — |
| 3 1/4" overall 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.

Additional properties

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

| | Fire rating* | Improved impact resistance | Scratch resistance | NAF available | Washable | Warranty |
|--------------------------|----------------|----------------------------|--------------------|---------------|----------|---|
| 1 1/4" overall thickness | 1/A (ASTM E84) | ✓ | — | ✓ | ✓ | 3 years (from date of shipment received) |
| 1 3/4" overall thickness | 1/A (ASTM E84) | ✓ | — | — | ✓ | |
| 2 1/4" overall thickness | 1/A (ASTM E84) | ✓ | — | ✓ | ✓ | |
| 3 1/4" overall 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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