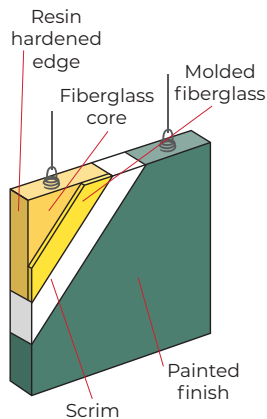




New Dimensions Baffles: Solid Core

New Dimensions Baffles are designed for areas requiring excellent sound absorption with a custom painted finish. With the entire Sherwin-Williams catalog at your disposal, and custom color matching available to you, New Dimensions can meet even your most challenging design requirements. Use in conference rooms, auditoriums, churches, entryways, etc.

Product features



Core construction:

Dimensionally-stable 6-7 PCF fiberglass board, laminated with a layer of 1/8" 16-20 PCF molded fiberglass, covered with a specially-formulated fiberglass scrim, and finished with paint. The acoustically transparent finish completely covers the face and exposed edges. Edges are protected with a resin hardening.

Size availability	Edge details	Finishes	Mounting	Shapes
<ul style="list-style-type: none"> Thicknesses: 1 1/4", 2 1/4" Standard max: 4'x10' 	All edges are resin hardened, unless otherwise specified. Available choices include: <ul style="list-style-type: none"> Square 	Custom paint. Please reference Sherwin-Williams catalog at sherwin-williams.com . Color matching available. All color matching requires customer to approve sample(s) before fulfilling order.	Standard mountings: <ul style="list-style-type: none"> Acoustical spring anchor 	—

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 1/4" thickness	0.09	0.48	0.93	1.13	1.10	1.03	0.90
2 1/4" thickness	0.26	0.96	1.17	1.18	1.11	1.02	1.10

*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" thickness	1/A (ASTM E84)	✓	—	✓	—	3 years (from date of shipment received)
2 1/4" 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.