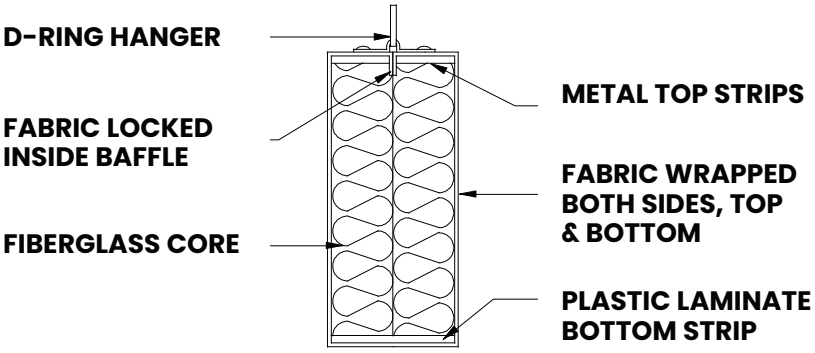
soundconcepts

Book Baffles

Specialty Ceilings



Specialty Ceilings Book Baffles Provide

Sound Concepts book baffles are manufactured using two pieces of our impact resistant 6-7 PCF fiberglass core which is acoustically absorptive. The entire core is inert, non-combustible and dimensionally stable.

The most common application of these panels are when the book baffles are wrapped with a 100% woven polyester fabric. The fabric is bonded with acoustically transparent adhesive to both faces and all edges to eliminate fabric sag or puckering. Prior to closing the book baffle excess fabric at the sides and top are trimmed and bonded inside to lock fabric in place. All book baffles 30" or less in height have a seamless bottom. Corners are tailored and heat fused other facing materials ranging from Webcore vinyls to Designtex fabrics, Maharam fabrics to arc-com fabrics are also available. Consult your local rep or factory consultant for availability and suitability of fabrics.

Sound concepts book baffles provide excellent noise absorptive qualities.

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Product Data

Book Baffles Specialty Ceilings

Edges
Reflect (Soft), Chemically Hardened

Edge Profile
Square, Bullnosed

Corners
Square, Radiused

Mounting
D-Rings Screwed To Top Of Baffle To Recieve Hanging Devices By Others

Facing Materials
EUROMAT PAINTED WHITE OR CUSTOM COLOR

Size
Book Baffles - Standard - Up To 30" X 120"
Seamed Baffles - Standard - Up To 48" X 120"
(Custom Oversized Panels Are Also Availble)

Standard Tolerances
(+) (-) 1/16" On Length, Width & Thickness

Thickness
2" (Custom Thickness Also Availble)

Desciption hz	125	250	500	1000	2000	4000	SABINS
2" Fiberglass With Fabric	2.8	6.5	12.3	15.2	15.2	15.7	12.3

(Absorption expressed in sabins per based on a 2'x4' module)

SABIN: A unit of acoustic absorption equivalent to the abosorption by one square foot of a surface that absorbs all incident sound. (After Wallace Clement Sabine 1868-1919, American Physicist.)

ALL NOISE REDUCTION COEFFICIENT (NRC) TESTS AS PER ASTM C-423 (TYPE A MOUNTING)
ALL REFLECT PANEL COMPONENTS MEET CLASS A FLAME SPREAD AS TESTED UNDER ASTM E84
CONTACT SOUND CONCEPTS FOR SOUND ABSORPTION AVERAGE (SAA) VALUES

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