

ABSORBERS & DIFFUSERS

INTERACT ACOUSTICAL ABSORBERS

SOUND CONCEPTS INTERACT ACOUSTICAL ABSORBERS ARE MANUFACTURED FROM OUR STANDARD 6 - 7 PCF FIBERGLASS CORE WHICH IS ACOUSTICALLY ABSORPTIVE. THE ENTIRE CORE IS INERT, NON-COMBUSTIBLE AND DIMENSIONALLY STABLE.

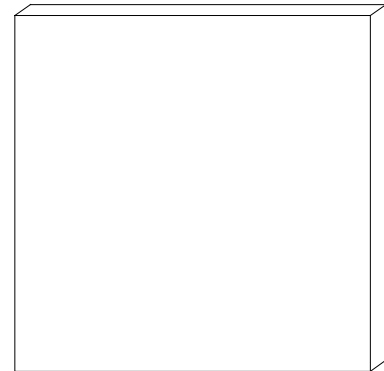
THE MOST COMMON APPLICATION OF THESE PANELS ARE WHEN THE PANELS ARE WRAPPED WITH A 100% WOVEN POLYESTER FABRIC. THE FABRIC IS BONDED WITH ACOUSTICALLY TRANSPARENT ADHESIVE TO THE FACE, EDGES AND BACK TO A MINIMUM OF 1-1/2" TO ELIMINATE FABRIC SAG OR PUCKERING. ALL CORNERS ARE TAILORED AND HEAT FUSED.

OTHER FACING MATERIALS RANGING FROM WEBCORE VINYL TO DESIGNTX FABRICS, MAHARAM FABRICS TO ARC-COM FABRICS ARE ALSO AVAILABLE. CONSULT YOUR LOCAL REP OR FACTORY CONSULTANT FOR AVAILABILITY AND SUITABILITY.

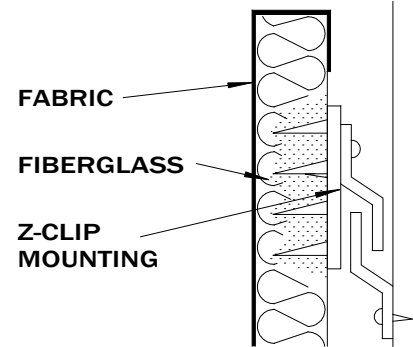
ADDED BENEFITS OF OUR ABSORBER PANELS INCLUDES TACKABILITY AND THE EASE TO PERFORM FIELD MODIFICATIONS AND CUTOUTS.

THROUGH A COMBINATION OF ABSORBERS AND DIFFUSERS THIS PROVIDES A PROPER ACOUSTICAL ENVIRONMENT. THIS ALLOWS BOTH PERFORMERS AND AUDIENCE MEMBERS TO BETTER HEAR AND ENJOY THE PERFORMANCE.

ACOUSTICAL ANALYSIS - ON YOUR NEXT PROJECT DON'T FORGET THE FREE SERVICE SOUND CONCEPTS OFFERS.



TYPICAL ABSORBER



TYPICAL MOUNTING

- EDGES:** REFLECT (SOFT), CHEMICALLY HARDENED OR ALUMINUM/ METAL
- EDGE PROFILE:** SQUARE, BEVELED, BULLNOSED, OR CHAMFERED
- CORNERS:** SQUARE OR RADIUSED
- MOUNTING:** IMPALIT CLIPS(2" ONLY), Z-CLIP / Z-BAR (2", 3" OR 4")
LEVELING BRACKETS REQUIRED ON 3" & 4" PANELS.
- FACING MATERIALS:** 100% WOVEN POLYESTER AND MOST OTHER PANEL FABRICS
(CONTACT YOUR LOCAL REP OR FACTORY CONSULTANT FOR AVAILABILITY & SUITABILITY)
- SIZES:** STANDARD - UP TO 48" x 120" (CUSTOM OVERSIZED PANELS ARE ALSO AVAILBLE)
- STANDARD TOLERANCES:** (+) (-) 1/16" ON LENGTH, WIDTH & THICKNESS.
- THICKNESS:** 2", 3" OR 4" FIBERGLASS (CUSTOM THICKNESS ALSO AVAILBLE)

DESCRIPTION	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
2" FIBERGLASS WITH FABRIC	.33	.71	1.23	1.29	1.22	1.24	1.10
3" FIBERGLASS WITH FABRIC	.58	1.16	1.16	1.25	1.18	1.12	1.20
4" FIBERGLASS WITH FABRIC	.76	1.16	1.24	1.33	1.23	1.16	1.25

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 E-84
CONTACT SOUND CONCEPTS FOR SOUND ABSORPTION AVERAGE (SAA) VALUES

SOUND CONCEPTS