

# submittal data ACOUSTICAL CLOUDS, DIFFUSERS, REFLECTORS

SounDesign Clouds are suspended horizontally to provide acoustic control for ceiling surfaces. This includes both absorption and reflection/diffusion as required for improved listening quality

and noise control in large spaces such as band rooms, auditoriums, lecture halls, worship spaces, multi-purpose rooms, restaurants and dining areas. Every space is unique acoustically so

products are fabricated to meet the design requirements of each project. Substrates vary with these needs and finishes include fabric, painted, gelcoat, prefinished acrylic, wood veneer and laminate surfaces.

CLOUD TYPE	THICKNESS	CORE CONSTRUCTION	NRC	SOUND ABSORPTION COEFFICIENTS-#1 MOUNTING					
				125HZ	250HZ	500HZ	1000HZ	2000HZ	4000HZ
<input type="checkbox"/> ACC1000	24mm	6# Fiberglass	.90	.34	.51	.94	1.10	1.05	.99
<input type="checkbox"/> ACDiffuser	4mm	Gelcoat Fiberglass	.15	.40	.21	.13	.10	.10	.11
<input type="checkbox"/> ACDiffuser	5mm	Fabric - gelcoat	.20	.63	.41	.19	.10	.10	.14
<input type="checkbox"/> ACReflector	7mm	Gelcoat/acrylic	.05	.11	.09	.05	.06	.08	.09
<input type="checkbox"/> OTHER									

**CLASS A FIRE RESISTANCE** (ASTM E-84)

**FINISH**

Fabric finish  Gelcoat fiberglass  Prefinished acrylic  Wood veneer  Laminate, plastic or metal

OTHER

**MOUNTING DETAILS**

