

## DESCRIPTION

### Acusorb 10-EXT - Noise Barrier/Sound Absorber Composite

Acusorb 10-EXT Exterior Grade Quilted Fiberglass Absorbers reduce the reflection of sound waves by covering reflective surfaces with a suitably UV protected porous, sound absorbing product. Acusorb 10-EXT consists of a heavy-duty vinyl-coated-polyester (VCP) facing on one sides of a 2" thick quilted fiberglass. Wall panels are constructed with grommets across the top and bottom, and are sewn with an exterior grade thread.



- Superior UV and weather resistance
- Available facing colors on quilt: gray, tan, black, off-white
- NRC rating 0.75

## APPLICATIONS:

Exterior Grade faced quilted fiberglass absorbers are used to reduce reverberant noise on permanent outdoor applications such as enclosing HVAC equipment, dust collectors or similar machinery behind a manufacturing plant where UV resistance is required. It is commonly installed over wood fencing or on brick or masonry walls of buildings adjacent to a job site or a noisy piece of machinery.

### Product Data:

<b>Description</b>	Vinyl Coated Polyester (VCP) facing / 2" fiberglass batt Vinyl Coated Polyester (VCP) facing
<b>Nominal thickness</b>	2.0 inches
<b>Temperature range</b>	-40° to +180° F
<b>Roll size</b>	48" wide x 25' long
<b>Weight</b>	0.50 lb psf

### ACOUSTICAL PERFORMANCE:

#### SOUND ABSORPTION PERFORMANCE:

Frequency	OCTAVE BAND FREQUENCIES (Hz)						NCR
	125	250	500	1000	2000	4000	
Acusorb 10-EXT	.46	.94	.85	.64	.47	.33	.75

ASTM C 423

#### SOUND TRANSMISSION LOSS (Nz)

Frequency	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
Acusorb 10-EXT	9	14	19	21	27	34	21

ASTM E-90 & E413