



NC- AB110EXT-R2 offers the benefits of both a noise barrier and a sound absorber composite in one product for outdoor applications. This barrier-backed product consists of an exterior grade, UV resistant heavy-duty faced quilted fiberglass absorber bonded to a one-pound per sq. ft. reinforced loaded vinyl barrier. The heavy-duty facing is a 10 oz per sq yd vinyl-coated-polyester (VCP) quilted to the sound absorber rather than the standard 4.5 oz. facing. Curtain panels are constructed with grommets across the top and bottom, exterior grade Velcro seals along the vertical edges, and are sewn with Gore Tenara exterior grade thread.

- STC 32 Rating, NRC .85
- Available facing colors on quilt: gray, tan, black, off-white
- Available barrier colors: gray, tan, olive drab or blue

APPLICATIONS:

Typically used as modular curtain panels on long-term construction projects or permanent outdoor applications such as enclosing HVAC equipment, dust collectors or similar machinery behind a manufacturing plant where UV and abuse resistance as well as maximum durability, longevity and noise reduction is required. Also available with a one-inch thick quilted fiberglass absorber, or with a two-pound per sq. ft. reinforced barrier.

PRODUCT DATA:

Description	Vinyl coated polyester faced 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
Nominal thickness	2.0 inches
Temperature range	-20° to +180° F
Standard panel width	54" wide, lengths as required up to 20' high
Weight	1.45 lb psf

Acoustical Performance:

SOUND TRANSMISSION LOSS

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
NC-AB110EXT-R	13	20	29	40	50	55	32

ASTM E-90 & E 413

SOUND ABSORPTION DATA

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
NC-AB110EXT-R	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423