

UNC-XT-1 Exterior Noise Barrier/Sound Absorber Composite

UNC-XT-1 offers the benefits of both a noise barrier and a sound absorber composite in one product. This UNC 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 oz. facing. Individual sound panels can be provided. Standard width is 54" wide and each panel can be supplied with a combination of grommets (and exterior grade Velcro) for attachment to your outdoor support.

- STC 29 Rating, NRC .65
- Available facing colors on quilt: gray, tan, black
- Available barrier colors: grayor tan

Applications:

Typically used to reduce noise from construction sites where the product may be subjected to sunlight, rain, snow, and winds. May be attached to a steel structure, chain link fences, installed over wood fencing, on brick or masonry walls of buildings adjacent to a job site, or directly onto a noisy piece of machinery.

Product Data:

Description	Vinyl coated polyester facing on 1" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
Nominal thickness	1.00"
Temperature range	-20° to +180° F
Standard width	54"
Weight	1.2 lb-psf

Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
UNC-XT-1	15	17	28	40	45	52	29

ASTM E-90 & E 413

Sound Absorption Performance

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
UNC-XT-1	.18	.68	.74	.72	.42	.29	.65

ASTM C 423

