



129 Penn Street, Westfield, IN 46074  
Toll Free Phone: 888.213.4711 Fax: 317.774.1911

## Outdoor Sound Curtain Specification UNC-XT-1 or XT-2

### Part 1: General

#### 1.1 Work Included

The work consists of furnishing all labor, materials, accessories, and equipment necessary to cover all areas shown on the drawings and specified herein with eNoise Control {UNC-XT-1, UNC-XT-2, QFA-XT-2D} Sound Curtains.

#### 1.2 Delivery and Storage

Protect Quilted Fiberglass Absorbers from excessive moisture when shipping, storing, and handling. Deliver in unopened skids and store in a dry place with adequate air circulation. Do not deliver material until all wet-work has been completed.

### Part 2: Product

#### 2.1 Product and Manufacturer

eNoise Control Quilted Outdoor Sound Curtains exclusively manufactured by:  
eNoise Control 129 Penn Street Westfield, IN 46074 Phone: (317).774.1900 Fax: (317).774.1911  
Website: [www.enoisecontrol.com](http://www.enoisecontrol.com) Email: [info@enoisecontrol.com](mailto:info@enoisecontrol.com)

##### 2.1.1 Facing Material

Outdoor rated quilted facing material, industrially stitched to withstand outdoor environment.

##### 2.1.2 Thickness - Nominal (1", 2") thick

##### 2.1.3 Noise Reduction Coefficient

UNC-XT-1 / NRC 0.70  
UNC-XT-2 / NRC 0.85  
QFA-XT-2D / NRC 0.85

##### 2.1.4 Standard Width - 54 inches

##### 2.1.5 Length - As indicated, up to 25 feet.

##### 2.1.6 Construction

The quilted fiberglass absorber shall be supplied in 54" wide panels or rolls with lengths indicated. Manufacturer's standard panel construction shall have all edges bound with #4 spur grommets across the top. And mating hook and loop fastener on vertical edges. A polyester thread suitable for exterior applications must be used in the quilting process as well as to apply the matching edge binding.

##### 2.1.7 Mounting

Manufacturer's standard accessories for securely mounting the quilted fiberglass absorber panels, of type and size indicated and complying with the requirement that grommets shall be installed to facilitate mounting on either the short or long edge of the panel, as indicated on the drawing.

##### 2.1.8 Acoustical Performance

###### UNC-XT-1

Octave Band Frequencies (Hz)	125	250	500	1000	2000	4000	Rating
Sound Absorption per ASTM C423	0.12	0.47	0.85	0.84	0.64	0.62	NRC=0.70
Sound Transmission Loss per	11	16	24	30	35	30	STC= 27

ASTM E-90 & E-13

###### UNC-XT-2

Octave Band Frequencies (Hz)	125	250	500	1000	2000	4000	Rating
Sound Absorption per ASTM C423	0.07	0.27	0.96	1.13	1.08	0.99	NRC=0.85
Sound Transmission Loss per	13	20	29	40	50	55	STC= 32

ASTM E-90 & E-13

###### QFA-XT-2D

Octave Band Frequencies (Hz)	125	250	500	1000	2000	4000	Rating
Sound Absorption per ASTM C423	0.07	0.27	0.96	1.13	1.08	0.99	NRC=0.85
Sound Transmission Loss per	8	13	17	22	27	31	STC= 20

ASTM E-90 & E-13

##### 2.1.9 Flammability

Class "A" per ASTM E-84



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**Part 3: Execution**

**3.1 Installation**

Install quilted fiberglass absorbers in locations indicated. Comply with manufacturers written instructions for installation of panels or rolled goods using type of mounting accessories indicated or, if not indicated, as recommended by the manufacturer.

**3.1.1 Workmanship**

All work shall be completed in a workman like manner. All panels shall be properly installed and left in a clean, sanitary condition. Contractor shall remove and dispose of shipping containers and debris.

**3.2 Cleaning**

**3.2.1** After completion of installation of panels or rolled goods, remove dust and other foreign material according to manufacturer's written instructions.

**3.2.2** Remove surplus material, rubbish, and debris resulting from quilted fiberglass absorber installation, on completion of work, and leave areas of installation in a neat and clean condition.