***eNoise Control UNC-13 Sound Curtain Specification***

***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-13 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 Fiberglass Absorbers exclusively manufactured by: eNoise Control, 297 North 9th Street, Noblesville, IN 46060, Phone: (317).774.1900, Website:[www.enoisecontrol.com](http://www.enoisecontrol.com)
Email: info@enoisecontrol.com

2.1.1 Facing Material

1lb. per s.f. reinforced loaded vinyl barrier intricately bonded to a nominally 1” thick quilted fiberglass absorber with vinyl coated fiberglass cloth facing.

2.1.2 Thickness

Nominal 1” Thick

2.1.3 Noise Reduction Coefficient

NRC 0.70

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

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

2.1.9 Flammability

Class “A” per ASTM E-84

***Part 3: Execution***

3.1 Installation

Install quilted fiberglass absorbers in locations indicated. Comply with manufacturer’s written instructions for installation of panels or rolled goods using type of mounting accessories indicated or,

if not indicated, as recommended by the manufacturer.

3.1.2 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

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

3.2.2 Site clean-up

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.

***End of Specification***