

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

UNC-XT-1 blankets 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 colors: gray, tan, black

### 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:

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

### Acoustical Performance:

#### Sound Transmission Loss

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

ASTM E-90 & E 413

#### Sound Absorption Performance

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

ASTM C 423