

### 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: gray, tan, olive drab or blue

### Applications:

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