

SOUNDPROOFING AMERICA US, INC.

TRU ACOUSTICS-INTERIOR/EXTERIOR ACOUSTICAL-SOUNDPROOF WINDOWS

SECTION 08567 – SOUND CONTROL WINDOWS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes sound control windows with STC ratings of [45] [49] [56].

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. Test Reports: Upon request submit certified test reports from recognized test laboratories.
- C. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.

1.4 DELIVERY, STORAGE & HANDLING

- A. Delivery: Deliver material in the manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Provide labels indicating brand name, source of procurement, style, size and thickness.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1.5 WARRANTY

- A. Warranty Period: Two years.

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PART 2-PRODUCTS

1.6 MANUFACTURERS

A. Sound Control Windows:

1. TruAcoustics Interior/Exterior Acoustical – Soundproof Windows by Soundproofing America, Inc. (Basis of Design)
 - a. 8868 West Bell Road #222
 - b. Peoria, AZ 85382
 - c. (800) 823-6817
 - d. www.soundproofingamerica.us
2. Or equal.

1.7 SOUND CONTROL WINDOWS

A. Product: Model STC 45.

1. STC rating: 45.
2. 4 degree angled glass for max acoustical performance. [**Optional flat glass configuration.**]
3. Size (clear opening): [**Max size of 4' by 8' rectangle**] [**Max size of 5' by 5' square**] [**Larger units available with mullions**] [**Custom sizes**] [**As indicated on Drawing.**]
4. Tint: Optional [**tinted**] [**one-way mirror pane**] [**safety glass**] [**Custom glass**].
5. Glazing: 1" insulated glass unit consists of 2 pieces of 1/4" laminated glass.
6. Frame: 4-1/2" anodized aluminum frame.

B. Product: Model Studio STC 49.

1. STC rating: 49.
2. Flat glass configuration.
3. Size (clear opening): [**Max size of 5' by 10' rectangle**] [**Larger units available with mullions**] [**Custom sizes**] [**As indicated on Drawing.**]
4. Tint: Optional [**Tinted**] [**One-way mirror pane**] [**Safety glass**] [**Custom glass**].
5. Glazing: 3/8" laminated glass with air cavity and 1/4" laminated glass.
6. Frame: 4-1/2" anodized aluminum frame.

C. Product: Model STC 56.

1. STC rating: 56.
2. 4 degree angled glass for max acoustical performance. [**Optional flat glass configuration.**]
3. Size (clear opening): [**Max size of 4' by 8' rectangle**] [**Max size of 5' by 5' square**] [**Larger units available with mullions**] [**Custom sizes**] [**As indicated on Drawing.**]
4. Tint: Optional [**Tinted**] [**One-way mirror pane**] [**Safety glass**] [**Custom glass**].
5. Glazing: 1" insulated glass unit consists of 2 pieces of 1/4" laminated glass plus an air cavity and an additional pane of 3/8 " laminated glass.
6. Frame: 6-3/8" anodized aluminum frame.

- D. Window Frame:
 - 1. Anodized aluminum.
 - a. Finish: **[Clear] [Bronze] [As indicated on Drawings]**.
 - 2. Angled glass for maximum acoustical performance.
 - 3. Acoustically treated frames and seals.
 - 4. Class A-1 ASTM E-84 Nonflammable Silent Panel™ acoustical frame insert.
 - 5. Fits any wall thickness by inseting or offsetting acoustical window.
- E. Applications: Recording studios, commercial windows, industrial, military, testing labs, victim/interrogation rooms, and soundproof rooms.

PART 3-EXECUTION

1.8 EXAMINATION

- A. Examine openings, substrates, anchorage, and conditions.
- B. Immediately inspect shipment for damage during transit i.e., damage caused by fork lifts, stacking, water stains etc. and disclose to delivery driver prior to signing for receipt.

1.9 INSTALLATION

- A. Manufacturer's Instructions:
 - 1. Comply with the instructions and recommendations of the window manufacturer.
 - 2. Installation manual is available from manufacturer's website.
- B. Shipping:
 - 1. Glass shipped separately to avoid breakage.
 - 2. Easy snap in glass installation on job site.

1.10 CLEANING

- A. Clean aluminum surfaces immediately after installing windows. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

END OF SECTION 08567