



CASCADE AUDIO ENGINEERING
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Model 40 & Model 60

Category: Acoustical Windows

Technical Data Sheet

SOUND BLOK™ Model 40 & Model 60 Interior Acoustical Windows

GENERAL INFORMATION

MATERIALS INCLUDED:

1. Window frame
2. Snap-fit glass retainers
3. Insulated glass unit (1" thick, 6 lbs/sf)
4. Single glass unit (Model 60 only)
1/4" thick, 3 lbs/sf)
5. Rubber setting blocks for glass
6. Small block of wood for installing
glass retainers

Recommended Installation Kit Includes:

- Shims
- Screws
- Acoustical Sealant
- Backer Rod

HELPFUL TOOLS DURING INSTALLATION:

- Drill
- Rubber mallet
- Protective gloves with enhanced grip
- Suctions cups for glass handling (may
be required for large units)

DELIVERY:

Upon delivery and before signature make sure that the crate and packaging show no signs of damage. If there is any apparent damage, contact CAE immediately at 541-389-6821.



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UNPACKING INSTRUCTIONS

1



1. Unscrew board supports from glass crate while someone holds the glass crate upright.

2



3



2. & 3. With the help of another person, carefully lift glass crate from pallet and gently lean up against a flat wall surface.

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UNPACKING INSTRUCTIONS Continued



4

4. Remove the screws from the exposed side of glass crate.

– IMPORTANT GLASS HANDLING –



5

5. Inspect glass to make sure it is not damaged.

***NOTE:** Any breakage of glass during shipment must be reported to CAE within 24 hours of delivery to be covered under freight insurance.

NOTE: Close crate to protect glass from accidental damage before glass installation.



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FRAME INSTALLATION INSTRUCTIONS



1

1. Place 1/4" shims in bottom of opening and tack into place.

2

2. Place frame into opening, center and level with remaining shims.

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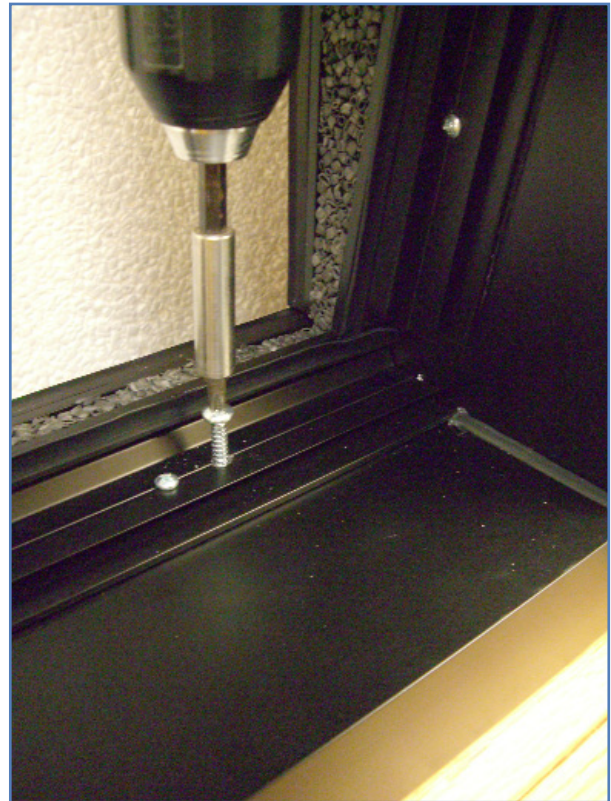
FRAME INSTALL INSTRUCTIONS *Continued*

3



- 3.** Pre-drill holes in frame through glass channel as shown at shim locations.

4



- 4.** Install mounting screws.

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FRAME INSTALL INSTRUCTIONS *Continued*

5



5. Apply sealant backer material between the outside of frame and wall opening. Recess 1/4" to 1/2" into gap to allow space for acoustical sealant.

6



6. Fill the gap with acoustical sealant between window frame and opening on all four sides completely to eliminate any sound leaks.

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FRAME INSTALL INSTRUCTIONS *Continued*

7



7. Apply window trim as required.



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GLASS INSTALLATION INSTRUCTIONS

GLASS INSTALL NOTE: This will be at least a 2 person job and may need to be installed by a professional glazing contractor depending on the scope of the project.



1

1. Place rubber setting pads on bottom surface of the glass channel about 4" in from the corners. (Some glue or two-sided tape will help hold them in place during glass installation).

IMPORTANT GLASS HANDLING: Glass should always be handled wearing gloves and/or suction cups if needed and placed vertically on, or against a flat cushioned surface (carpet, rubber, foam, etc.) never pickup flat or set directly on or against a hard surface or breakage may occur.

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GLASS INSTALLATION INSTRUCTIONS *Continued*



2

2. Wearing gloves and/or using suction cups, lift the glass into place and rest the bottom edge on the two setting pads and up against the rubber seal on the inside of the window jamb. Gently tilt the top of the glass into place making sure it is centered in the opening.

NOTE: If you are installing a Model 60 window; it has an additional piece of glass; make sure you clean the inside surfaces of each completely. After installation the inside surfaces of the glass will be inaccessible.

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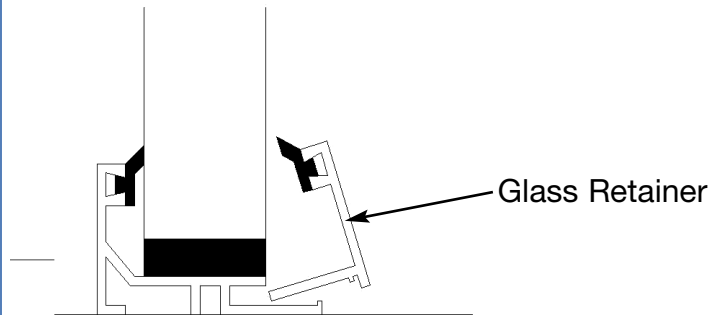
SOUND BLOK™ Model 40 & Model 60 **Interior Acoustical Windows**

GLASS INSTALLATION INSTRUCTIONS *Continued*

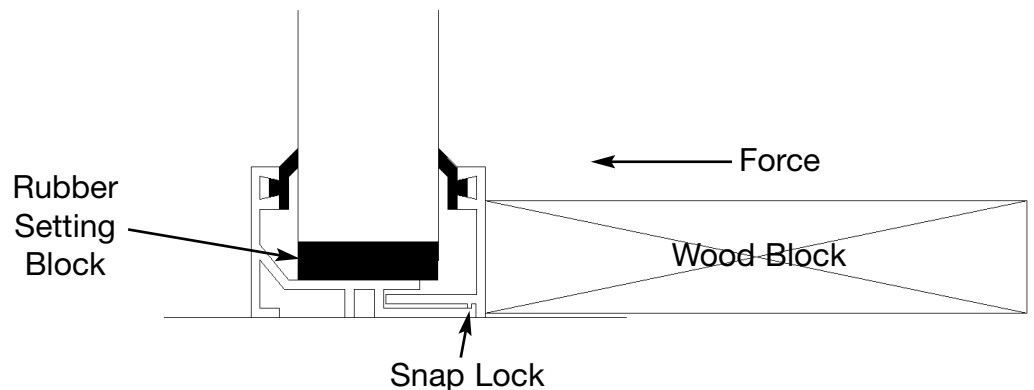


3

3. Install the bottom and then the top retainer into place starting from one corner working across to the opposite. Use steady force applied with the wood block in an inward direction. The glass retainers do not install easily. A quick blow from a rubber mallet may be required to seat the stop, however this should be used **ONLY** if the first method is ineffective. Special care should be taken to not damage glass during installation.



GLASS RETAINER INSTALLATION



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FRAME INSTALL INSTRUCTIONS *Continued*

4

4. Repeat Step 3 to install side retainers.

