

**KALWALL HC-2000 THERMAL BREAK WINDOW FACT SHEET
REMOVABLE GLAZING BEAD**

AAMA/ANSI Performance Class: (PI-AW50, PO-HC55, F-AW80)

I. SIZE Max Width 5'-0" (1500mm)

A. Standard

1. Project-In: 1'-6" (460 mm) or 2'-0" (610 mm) high
2. Project-Out: 1'-6" (460 mm) or 2'-0" (610 mm) high
3. Fixed: 38 sq. ft (3.530 m²) at 105 psf (5.027 kPa) wind Class F-HC 70

B. Maximum

1. Project-In: 3'-6" (1070 mm) high
2. Project-Out: 4'-6" (1370 mm) high

C. Minimum

1. Project-In and Project-Out: 13" (330 mm) high
2. Fixed: 8" (200 mm) high

II. HARDWARE

Cam handles are standard on all operating sash. For overhead operation on project-in windows only, pole operators can be used (maximum recommended pole length = 12' (3660 mm) long.) Remote operating systems can be adapted to project-in and project-out windows.

1. Heavy-duty stainless steel 4 bar hinges (by *Bronze Craft*)
2. Fully adjustable friction shoes
3. Standard projection = 45 degrees (can be modified for custom angle of projection in manufacturing)
4. Approximate projection from wall when sash is fully opened
 - a. For 1'-6" (460 mm) high windows = 13" (330 mm)
 - b. For 2'-0" (610 mm) high windows = 17" (430 mm)

III. CONSTRUCTION

All members shall be extruded aluminum 6063-T5 with mill (anodized) finish or corrosion resistant painted finish. Frame sections shall be coped and joined by stainless steel screws at each corner. Operating sash members shall be of double hollow extruded design and shall be mitered and joined with heavy internal reinforcing corners and stainless steel screws. All joints exposed to the weather shall be sealed with a flexible compound so as to be permanently weather tight. All openings shall be double sealed using a continuous EPDM dual-fin weather strip on the interior and exterior member to insure minimum air infiltration and maximum water resistance.

IV. GLAZING MATERIAL

Caution: Glass is heavy – 2 lites of ¼" (6mm) thick weigh 7 psf.

1. Operating sash shall be glazed with an expanded EPDM closed cell sponge gasket to the exterior, with aluminum glazing bead and driven EPDM wedge gasket to the interior. 1" (25 mm) double or triple glazing and 1" (25 mm) Kalwall glazing panel are standard.
2. Fixed lites shall be glazed in an expanded EPDM system with snap-in glazing bead. 7/8" (22mm) or 1" (25mm) double or triple glazing and 1" (25 mm) Kalwall glazing panel are standard.

V. SCREENS

- A. 18 (1.4 mm) x 16 (1.6 mm) aluminum mesh
- B. Hollow extruded frame

VI. NFRC CERTIFIED "U" FACTORS

GLAZING	FIXED		PROJECTED	
	U-FACTOR	SHGC	U-FACTOR	SHGC
Clear/Clear	0.55	0.63	0.61	0.46
SB80 / Clear Low E	0.37	0.21	0.48	0.16
Solarcool Grey / SB 80 Low E	0.35	0.09	0.46	0.08