



QuietLite™

WINDOWS

The finest factory assembled and field proven windows in the noise control industry.



NOISE BARRIERS

QuietLite™

WINDOWS

Ideal for Masonry Construction, Single Wall or Double Wall Drywall Construction.

Model "HM" Windows

- Hollow metal design
- Fixed frame or split frame
- STC rating from 48 to 64 (higher for triple-glazed)
- Glazing from 1/4" to 1 - 3/16" thick
- Vertical or sloped glass design
- Custom sizes available

Wood Windows

- Similar details to "HM" frame
- Fixed frame or split frame design
- Choice of wood species, absorptive treatment and glazing
- Vertical or sloped glass design
- High STC ratings
- Double glazed
- Custom sizes available

Model "U" Windows

- "U" frame design can fit any wall thickness
- STC ratings from 43 to 64
- Aluminum or rubber glazing channels
- Suitable for use with modular panel systems or standard construction
- Custom sizes available

Acoustic Performance Data

Note: STC will increase with thicker glazing and greater air gap between glazing units. Consult with factory.

1/3 Octave Band Center Frequency, Hz

100 125 160 200 250 315 400 500 630 800 1K 1.25K 1.6K 2K 2.5K 3.15K 4K 5K STC

Sound Transmission Loss Data, dB

U-4-43	25	27	28	32	36	36	39	40	43	45	50	52	49	41	41	46	52	55	43
U-11-51	37	36	37	36	40	42	46	47	51	55	57	59	57	54	57	58	59	59	51
UF-6-54	37	36	39	40	46	47	48	50	53	55	57	57	58	59	60	61	63	65	54
UF-10-62	36	41	43	49	53	55	56	59	64	64	66	67	68	68	70	73	75	76	62
UF-10-64	42	43	43	50	55	58	59	62	66	67	70	70	70	70	73	78	81	80	64
HM-BRG-8-48	40	37	36	40	44	44	46	47	49	50	45	44	46	52	55	54	53	56	48
HM-4-49	35	35	31	32	40	40	44	45	50	53	54	55	56	58	59	60	61	62	49
HM-6-53	38	38	35	39	43	45	48	49	52	54	56	57	58	59	60	61	62	64	53
HM-11-53	39	34	40	39	43	46	51	52	53	55	54	54	57	60	64	66	67	67	53
HM-11-54	38	38	38	42	45	47	49	49	53	55	55	57	58	59	57	58	59	59	54
HM-10-62	36	41	43	49	53	55	56	59	64	64	66	67	68	68	70	73	75	76	62
HM-10-64	42	43	43	50	55	58	59	62	66	67	70	70	70	70	73	78	81	80	64
SF-11-57	-4	24	34	84	85	25	45	55	65	45	35	75	85	95	96	16	2-		57

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-02 and E413-87.



Features

- Ideal for new construction or retrofit applications
- Easy and fast to install
 - All window units are factory glazed
 - 12 gauge steel frame with 16 gauge stops
 - Fixed Frame "HM" or "U" frame designs
 - "Split frame" HM design available
 - Glazing does not need to be removed to install window units
- Prime-painted standard finish
- Guaranteed acoustical performance

Applications

- Radio/TV Studios
- Control Rooms
- Schools
- Recording Studios
- Engine Test Cells
- Mechanical Rooms
- Machinery Enclosures
- Factory Offices
- Guard Houses

The Bottom Line:

Our QuietLite windows are in service everywhere from some of the most sophisticated performing arts centers to the most demanding industrial applications, and everywhere in between.

Have other sound control needs?

Below are some of our other product lines



QuietLineTM
BARRIER WALL SYSTEMS



QuietSwingTM
ARCHITECTURAL DOORS



QuietLiteTM
INDUSTRIAL WINDOWS



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