

+2 Low-Iron “Brushed Fiber” Laminated Acoustic Glass



Application:

Interior

Composition:

Low-iron glass laminated with brushed fiber privacy interlayer and +2 acoustic interlayer

Approx Dimensions:

Cut-to-size; max. size = 59" x 120" (1.5 m x 3 m); approx. thickness = 1/4" to 5/16" (6 mm to 8 mm). Available in thicknesses up to 1/2" (12 mm) by special request.

Approx Weight:

3.5 lb/ft² (17 kg/m²)

Safety Options:

Laminated, Tempered_laminated

Maintenance:

Bendheim glass is easy to maintain. We suggest cleaning with warm water and a lint free cloth (terry cloth). Conventional non-abrasive glass cleaners may also be used.

Performance Characteristics:

- STC 36 = +2 Collection, 1/4" glass
- STC 38 = +2 Collection, 3/8" glass
- STC 39 = +2 Collection, 1/2" glass, or a standard 4.5" insulated interior stud wall (thicker, no light comes through the 4.5" stud wall)

Note: At STC 36 and higher, speech becomes unintelligible through the +2 glass wall. In contrast, loud speech can be heard at STC 33, which is the STC of a standard 4.5" interior stud wall without insulation.

Testing:

Bendheim safety glass meets the requirements for ANSI Z97.1 & the Consumer Product Safety Commission CPSC 16FR, Part 1201 – Safety Standard for Architectural Glazing Materials.

Potential Leed Credit:

- EA Credit 1: Optimize Energy Performance
- IEQ Credit 8.1: Daylight & Views: Daylight 75% of Spaces
- IEQ Credit 8.2: Daylight & Views: Views for 90% of Spaces

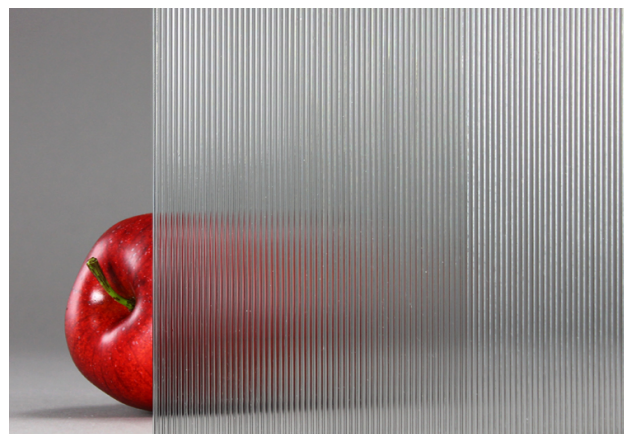
Options & Customizations:

Custom Colors & Finishes

- A wide range of standard & custom colors
- Laminated to mirror for wall cladding applications, extending the aesthetic from the partitions to wall surfaces
- +2 STC interlayer can be combined with a variety of Bendheim glass textures and finishes, including ultra-privacy Houdini™ micro-fluted glass



+2 sound control interlayer in combination with a denser "tan" colored interlayer



+2 sound control interlayer in combination with Houdini ultra-privacy glass