

## Private: Low-Iron Float Architectural Glass

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### Application:

Interior, Exterior

### Composition:

Low-iron glass

### Approx Dimensions:

Cut-to-size; max. size = 96" x 130" (2.4 m x 3.3 m); thickness = 1/8" (3 mm) to 5/8" (15 mm).

### Approx Weight:

Varies by thickness; 1.5 to 7.5 lb/ft<sup>2</sup> (7.5 to 36.6 kg/m<sup>2</sup>)

### Safety Options:

Standard, Tempered, 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:

- Visible Light Transmittance (VLT) = 91%
- Solar Energy Transmittance = 88%
- UV Transmittance = 83%
- U-Value = 0.91 – 1.0
- Solar Heat Gain Coefficient (SHGC) = 0.89
- Shading Coefficient = 1.03

## 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. The glass is 100% heat soak tested for exterior applications. Heat soak testing minimizes the risk of spontaneous tempered glass breakage as a result of nickel sulfide inclusions.

## Potential Leed Credit:

- IEQ Credit 8.1: Daylight & Views: Daylight 75% of Spaces
- IEQ Credit 8.2: Daylight & Views: Views for 90% of Spaces

## Options & Customizations:

### Ulimited Customization Options



Laminated with a wide range of color interlayers



Back-painted in an unlimited range of colors, including metallic