



## Pilkington Float Glass

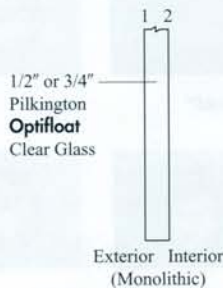
One of the world's most comprehensive float glass lines, Pilkington's **Optifloat™** Glass family includes clear, heavy clear and tinted float glass products for use in almost any residential and commercial application imaginable.

Pilkington **Optifloat™** Clear Glass

Pilkington **Optifloat™** Blue-Green Tinted Glass

Pilkington **Optifloat™** Grey Tinted Glass

Pilkington **Optifloat™** Bronze Tinted Glass



### Product Descriptions

Pilkington **Optifloat™** Clear Glass offers excellent optical properties, transmitting up to 90% of the sun's visible spectrum to reduce artificial lighting needs. Ideal when specialty glass isn't required, Clear Float is available from 3/32" (2.5mm) to 1/4" (6mm) to meet performance and aesthetics requirements where high light transmittance and visibility are desired.

Pilkington **Optifloat™** Heavy Clear Glass – the only complete heavy float line manufactured in the U.S. – is available 5/16" (8mm) to 3/4" (19mm) thick for a wide variety of commercial glazing possibilities. Ideal for large, frameless expanses of glass in lobby and entrance area applications, it offers superior strength, greater spans, reduced deflection, high daylight transmittance and enhanced noise suppression.

Pilkington **Optifloat™** Tinted Glass reduces unwanted heat gain while admitting high natural daylight to enhance visual performance and lower artificial lighting needs. Available in Blue-Green, Grey and Bronze, Pilkington **Optifloat™** Tinted Glass is aesthetically pleasing and performance driven, with significantly reduced solar heat and UV light transmittance as compared to uncoated clear glass products.

*Monolithic 1/2" (12mm) and 3/4" (19mm) Pilkington **Optifloat™** Heavy Clear Glass. One of the largest suspended glass walls in the U.S. – 57' or five stories high – this project utilizes more than 50,000 sq. ft. of 1/2" and 3/4" clear fully tempered/heat-soaked glass.*

**Hawaii Convention Center; Honolulu, Hawaii**

**Owner/Developer:** City of Honolulu; Honolulu, Hawaii

**Architect:** Wimberly, Allison, Tong, & Goo; Honolulu, Hawaii

**General Contractor:** Nordic/PCL (a joint venture); Honolulu, Hawaii

**Glazing Contractor:** Apex Curtainwall Group; Honolulu, Hawaii

**Fabricator:** Tempglass; Perrysburg, Ohio

(an Oldcastle Glass Group company)

● **AN EXCEPTIONAL COMBINATION** of high visible light and low solar heat transmittance is available with Blue-Green Tinted Pilkington **Optifloat™** Glass. While most glass products that reduce solar heat transmittance also reduce daylight transmittance, a 1/4" (6mm) lite of Pilkington **Optifloat™** Blue-Green Glass has a shading coefficient of 0.72 and a daylight transmittance figure of 75%.

### ● AESTHETICS AND APPLICATIONS

– As thicknesses increase, colors appear deeper, giving architects and designers countless design options.

– In 5/16" (8mm) and 3/8" (10mm) thicknesses, Pilkington **Optifloat™** Blue-Green Glass is ideal for furniture, interior partitions and glazing areas requiring glass greater than 1/4" (6mm) thick.

### ● QUALITY SPECIFICATIONS,

Pilkington **Optifloat™** Clear and Tinted glasses meet the quality specifications of the *ASTM C 1036-91 Standard Specification for Flat Glass*.

● **PERFORMANCE DATA**, such as daylight transmittance and shading coefficient vary, according to tint and thickness. See your Pilkington representative for relevant performance information.

### ● AVAILABLE THICKNESSES

– Pilkington **Optifloat™** Clear Glass: 3/32" (2.5mm) to 3/4" (19mm)

– Pilkington **Optifloat™** Grey and Bronze Tinted Glass: 1/8" (3mm) to 1/2" (12mm)

– Pilkington **Optifloat™** Blue-Green Glass: 1/4" (6mm), 5/16" (8mm), 3/8" (10mm)

– Also see "Monolithic Annealed Glass Sizes" chart on page 22.

For specific performance data, please refer to pages 19, 20 and 21.

