

## Guardian® Clear

### Clear

#### Clear, distortion-free glass for any flat glass application

High quality float glass for use in a wide range of applications



#### Product Information

|                                   |  |
|-----------------------------------|--|
| Substrate<br>Base Glass/Thickness | Clear Float/2.3 ##. (3/32") - 15 ##. (19/32")  |
| Applications                      | Facades / Windows & Fenestration / Furniture / Fittings / Anywhere glass can be used as barrier allowing light and views |
| Manufacturing options             | Tempered / Laminated / Heat Soaked / Heat Strengthened / Annealed  |
| Recommended Coating Positions     | N/A  |
| Maximum Size                      | <130"x240" (3302x6096mm)   |
| Edge Deletion                     | No   |
| Glass type                        | Common Float Glass   |
| Glass functions                   | Standard Flat Glass  |
| Fabrication options               | Can be used in Monolithic or Insulating Glass Unit   |
| Appearance                        | Neutral  |



Monolithic

| Visible Light                                   |             |         | Ultraviolet     | Solar Energy                       |              |          |             |                                    |                          | Thermal Properties |                             | Light to Solar Gain (LSG) |                           |
|---|-------------|---------|-----------------|------------------------------------|--------------|----------|-------------|------------------------------------|--------------------------|--------------------|-----------------------------|---------------------------|---------------------------|
| Transmittance                                   | Reflectance |         | Trans UV(tuv %) | Transmittance                      | Reflectance  |          | Absorptance | Solar Heat Gain Coefficient (SHGC) | Shading Coefficient (sc) | U-Value            |                             |                           |                           |
| Visible (tv %)                                  | pv % out    | pv % in |                 | General Color Rendering Index (Ra) | Solar (te %) | pe % out | pe % in     |                                    |                          | Solar (ae %)       | Winter Night (Btu/hr-ft²-F) |                           | Summer Day (Btu/hr-ft²-F) |
| Monolithic: 6 Guardian® Clear on Clear Float #2 |             |         |                 |                                    |              |          |             |                                    |                          |                    |                             |                           |                           |
| 89  | 8           | 8       | 98.5            | 67                                 | 81           | 8        | 8           | 11                                 | 0.84                     | 0.97               | 1.025                       | 0.929                     | 1.06                      |

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC 2010 / US Standard.

[www.guardianglass.com](http://www.guardianglass.com)

All trademarks noted are owned by, licensed to or used with permission by Guardian Glass.  
©2021 Guardian Glass, LLC

1-855-58-GLASS (45277)  
2300 Harmon Road, Auburn Hills, Michigan 48326

Published Date: 07-Jun-2022

The products in this publication are sold subject to Guardian's standard terms and conditions of sale and any applicable written warranties (available at [www.guardianglass.com](http://www.guardianglass.com) or from your local Guardian representative upon request). It is the responsibility of the purchaser to confirm that the products are suitable for their intended application in compliance with the applicable laws and regulations. Please contact your local Guardian representative to obtain any applicable handling and fabrication guides and for the most current product information.