

Tempered Glass Product Data Sheet

Precision Glass Industries is a Houston-based glass fabrication company, with a focus on tempered, heavy fabricated glass, laminated, back-painted, and commercial insulated glass.

The backbone of the company is our ability to stay focused on overall product quality, on-time delivery, and shortened lead times. These attributes keep us grounded and in tune with our customers' needs, allowing for complete customer satisfaction.

Precision Glass Industries fabricates glass in compliance with industry standards including ANSI Z-97 of the American National Standards Institute. In addition, the Consumer Product Safety Commission (CPSC) 16 CFR 1201 wherein the local and national building codes recognize it as the standard that must be met for glass products used in windows. At Precision Glass Industries we follow stringent guidelines for testing tempered products of our facility and as per recommendations defined by the glass industry.

Guardian and AGC are the current brands of glass manufacturers carried by Precision.

Evaluation Criteria for Tempered Glass to pass Standard:

ANSI Z-97:

- No fracture at specified Class drop height
- If fracture occurs at the specified Class drop height, the ten largest crack free particles shall not weigh more than 10 square inches of the glass tested

CPSC 16 CFR 1201:

- The ten largest crack free particles shall not weigh more than 10 square inches of the glass tested
- If no fracture occurs from impact test, the glass is to be broken using center punch test.

| | |
|------------------|---|
| Glass Types: | Clear, Coated and Textured |
| Glass Thickness: | 1/4" Heat Strengthened 3/16" – 3/4" Tempered |
| Glass Edgework: | Seamed or Polished |
| Glass sizes: | Minimum 4" x 12" Maximum 204" x 130" |

All glass is washed, dried, logo applied and tempered thereafter.

Disclaimer:

Tempered glass may contain nickel sulfide stones or more commonly known as inclusions and their presence does not render the glass defective. Spontaneous glass breakage is a phenomenon by which toughened glass (or tempered) may spontaneously break without any apparent reason; most common causes are chipped edges, surface scratches and installation quality. This could occur years after the installation. Customer understands and accepts that glass may be susceptible to breakage and that customer will not hold Precision Glass Industries, or any of its authorized representatives responsible for commercial loss, or any direct or indirect consequential damages, including but not limited to the associated costs of removal or installation including labor costs of the product, defective or otherwise and agrees to indemnify and hold Precision Glass Industries harmless from any such loss, damage or injury brought by their customers or third parties. Please direct all related questions to info@precisionglassindustries.com