

TECHNICAL BULLETIN

Tempered Glass Requested Without the Permanent Certification Label or “Logo”

Under normal circumstances tempered glass will contain a permanent certification label, or “logo.” This logo, which is typically placed in a bottom corner of the glass panel, designates that the glass meets the performance requirements set forth by certain testing and regulatory agencies for safety glazing materials. It is a requirement that when present, the logo be permanently applied to the glass in the manufacturing facility that performs the tempering. This is a safeguard against the potential accidental labeling of non-safety glazing materials elsewhere.

There are several methods for applying the logo that include sandblasting and acid etching. Because both of these methods are permanent, irrespective of whether or not the glass has been heat-treated, Virginia Glass Products Corp. prefers to apply our logo by means of ceramic enamel frit screen-printing. As the name implies, the logo is applied by screen-printing ceramic enamel frit paint onto the surface of the glass. The paint is then fused to the glass surface during the tempering process. Because this application only becomes permanent at such time as the glass is tempered, it is a failsafe method of properly identifying heat treated glass. In other words, if the logo is applied to glass and the glass, for whatever reason, is not subsequently tempered, the logo will not be permanent. This is not the case with other methods of applying the logo.

It is important to note that building codes generally require safety glazing materials bear a safety glazing logo and be visible once installed. We place our logo approximately ¾” from the bottom and left edges of the glass. When glazed in standard U-channels or sidelight rails the logo will be fully visible. If the glass is being set in a deeper than normal pocket at the bottom edge, such as a hand railing base, it will be necessary for the customer to advise us of their desired location for the logo so that it will be visible after installation.

From time to time we are requested to furnish tempered safety glass without the logo. If a design professional, building owner/tenant, or construction professional has requested tempered glass to have the logo omitted for aesthetic or other reasons, the purchaser of the glass agrees to accept full responsibility for having determined that the glass produced as requested, meets the requirements of the applicable federal, state and local building codes governing the use of “unlabeled” tempered safety glass. Taking the extra time to make certain of this fact prior to ordering your tempered glass can eliminate the profit rendering expense of in-field testing and labeling, or worse; the cost of replacing the glass. Virginia Glass Products Corp. is absolved of any and all claims, actions, and consequential damages, whether direct or indirect, arising from the use of tempered glass supplied without a logo.

In lieu of the customary permanent logo, Virginia Glass Products Corp. will issue a Certificate of Compliance stating that the referenced glass has been tempered in accordance with, and meets the safety criteria specified by CPSC Standard 16 CFR 1201, Category II, and ANSI Z97.1. The tempered glass also meets the quality and strength requirements of ASTM C-1036 and ASTM C-1048, respectively.