

## CERTIFICATE OF PRODUCT COMPLIANCE

**Primary Float Glass** purchased by Vitrum meets the requirements of ASTM C 1036 Standard Specification for Flat Glass. Vitrum's products will be fabricated with transparent flat glass of Type 1, Class 1 (clear) or Class 2 (tinted), quality Q3.

**Coated Glass** purchased by Vitrum meets the requirements of ASTM C 1376 Standard Specification for Pyrolytic and Vacuum Deposition Coatings. Vitrum is a certified fabricator of the Vitro Certified Fabricator Network, Sunguard® Certified Fabricator Program and Saint-Gobain.

**Heat Treated Glass** components fabricated by Vitrum meet the requirements of ASTM C 1048 Standard Specification for Heat-Treated Flat Glass – Kind HS, Kind FT Coated and Uncoated Glass. All fully tempered glass meets the safety glazing requirements of ANSI Z97.1-2015 and 16 CFR 1201 Categories II. Vitrum's tempered products are certified by the Safety Glazing Certification Council (SGCC) which serves as their third party independent testing agency.

**Heat Soaked Glass** lites fabricated by Vitrum meet the requirements of a 100% heat soak program for fully tempered (FT) glass that is consistent with the EN 14179-1 standard (290°C +/- 10°C) for a dwell time of two hours.

**Laminated Glass** fabricated by Vitrum meets the requirements of ASTM C 1172 Standard Specification for Laminated Architectural Flat Glass. Our laminated glass (minimum of .030" PVB interlayer) meets the safety glazing requirements of ANSI Z97.1-2015 and 16 CFR 1201, Categories II.

**Spandrel Glass** fabricated by Vitrum meets the requirements of ASTM C 1048 for Condition B, Standard Specification for Heat-Treated Flat Glass – Kind HS, Kind FT for ceramic fritted coating. Spandrel glass is also available with Opaci-Coat 300®. Opaci-Coat 300® is not recommended for third surface applications.

**Insulating Glass Units** fabricated by Vitrum are by default constructed with a primary seal of polysulfide. Silicone sealant is alternatively available upon request. The majority of Vitrum's insulating glass units are fabricated with four bent corners and butyl-spliced corner key(s). Vitrum's insulating glass units are certified through the Insulated Glass Manufacturers Alliance (IGMA) certification program to the CGSB 12.8 Standard. Vitrum's argon filled insulated glass units meet or exceeds the minimum initial and final average argon gas concentration level of 90% and 80% respectively required for the IGMA Certification Program.