ASSOCIATION OF NORTH AMERICA

Laminating Division **GANA LD 100-06**

Standard Test Method for Ball Drop Impact of Laminated Architectural Flat Glass[1]

1. Scope

1.1 This test method covers the destructive ball drop testing of laminated flat glass products intended for use in architectural glazing applications.

1.2 This test method is intended for use as an in-plant quality control test to evaluate the impact performance of laminated flat glass when a 2270 g, 83 mm diameter (5 lb., 3.25 in. diameter) smooth solid steel ball is dropped from a user selected height.

1.3 This test method is not a substitute for safety glazing test requirements of ANSI Z97.1 or CPSC 16 CFR 1201.

1.4 This test method is applicable to symmetrical and asymmetrical annealed, heat-strengthened, chemically strengthened, and fully tempered laminated architectural flat glass including but not limited to: float, patterned, sheet, sand-blasted, grooved, and fritted.

1.5 The dimensional values stated in metric units are to be regarded as the standard. The inch-pound units given in parentheses are for information only.

1.6 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of state and local building codes and other regulatory limitations prior to use.

[1] This test method was developed by the Glass Association of North America (GANA) Laminating Division – Ball Drop Test Method Task Group and approved by the Laminating Division – Technical Committee and GANA Board of Directors. This is the original version of the document as approved and published in February 2006.