

November 12, 2010

Mr. Jack DeBeve
LENOIR MIRROR COMPANY
P.O. Box 1650
Lenoir, NC 28645

RE: Product Engineering Certification: Impact Testing under ANSI Z97.1-2009
Lenoir Mirror Safety Backed Glass Sheet Products

Dear Mr. DeBeve,

Unifour Engineering & Testing Laboratories, PC (Unifour) is honored to serve as your independent Quality Assurance Testing Agency for the evaluation of various manufactured plate glass and mirrored products produced at your Lenoir, North Carolina facility. The following provides our Product Engineering Certification Letter for the products and testing services referenced.

At your authorization, Unifour personnel directed random sampling protocol, prepared testing apparatus and equipment, and conducted Impact Testing in accordance with American National Standards Institute's Safety Glass Standard ANSI Z97.1-2009: *Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test*, Section 5.1 *Impact Test*. Based on the results of testing performed by us, we are pleased to offer our Product Engineering Certification for the following manufactured items:

Certification Standards

- Code of Federal Regulations 16, Ch. II, CPSC Part 1201 – *Safety Standard for Architectural Glazing Materials* (2009 Ed.)
- ANSI Z97.1-2009: *Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test*, Section 5.1 *Impact Test*

Unifour Engineering & Testing Laboratories, PC hereby certifies that the following products have been independently tested and found to meet or exceed Certification Standards as referenced above:


- Safety-Backed Mirrored Glass, Vinyl Tape Backing #960G2 – 3 mm (¹/₈-Inch)
- Safety-Backed Mirrored Glass, Vinyl Tape Backing #960G2 - 4 mm (⁵/₃₂-Inch)
- Safety-Backed Mirrored Glass, Vinyl Tape Backing #960G2 – 4.7 mm (³/₁₆-Inch)
- Safety-Backed Mirrored Glass, Vinyl Tape Backing #960G2 - 5.7 mm (¹/₄-Inch)
- Safety-Backed White Paint Glass, Vinyl Tape Backing #960G2 - 5.7 mm (¹/₄-Inch)

Closure

Unifour Engineering & Testing Laboratories, PC appreciates the opportunity to assist you with this phase of your project. Please contact us with any additional service needs that you may have.

Sincerely,

UNIFOUR ENGINEERING & TESTING LABORATORIES, PC


Bobby L. Barnes, PE
President
Registered, NC 19385

