

July 10, 2007

Re: Testing of the Polylok 3.0- inch Stacking Slab Bolster Cover- Part No. 3063-S3- Series - S

To Whom It may Concern:

This report documents the result of the testing on the Polylok 3.0 inch Covers # 3063-S3 Stacking Slab Bolsters that was performed on June 21, 2007. The testing was conducted at Polymold, Inc. in Cheshire, CT and was witnessed and verified by Stonel Associates, Inc. These parts were injection molded from recycled Polycarbonate resin. This tinted polycarbonate regrind was supplied to Polymold as a recycled product by Debco Plastics Group.

Twenty 3.0 inch Covers, each containing 10 Slab Bolsters, were tested adhering to the Florida Department of Transportation Specification numbers 415- 5. 13. 1 and 415 - 5. 13. 3.

The testing was performed using a 6-ton Bench Press manufactured by Central Hydraulics. It contained a 4-ton hydraulic pump with a large accurate pressure gauge. (Please refer to the photos.)

At room temperature, 72 degrees F, all twenty Covers measured 2.94 inches in height at no load and 2.87- inches in height when subjected to a 300- pound pressure. This .07- inch deflection represents a 2.4% reduction in height.

At a temperature of 150 degrees F, all twenty Covers measured 2.94 inches in height at no load and 2.84- inches in height when subjected to a 300-pound pressure. This .10-inch deflection represents a 3.4% reduction in height.

At a temperature of 20 degrees F, all twenty Covers measured 2.94 inches in height at no load and 2.91-inches in height when subjected to a 300-pound pressure. This .03-inch deflection represents a 1% reduction in height.

Twenty 3.0 inch Covers were individually accurately weighed and then immersed in 76 degrees F water for a 60-hour period and then accurately weighed again. There was no measurable change of weight in any of the parts.

Sincerely,



George E. Nelson  
President