



# APPLIED TECHNICAL SERVICES, INCORPORATED

1049 Triad Court, Marietta, Georgia 30062 • (770) 423-1400 Fax (770) 424-6415

## MATERIALS TEST REPORT

Ref. D283789-8 Date November 27, 2017 Page 1 of 3

Jordan Frankel  
Global Security Experts Inc  
4279 Roswell Road Suite 102-124  
Atlanta, GA 30342

Purchase Order #: Credit Card

### Test Procedure

Shear	<input type="checkbox"/>	Part: OnGARD Security Door Brace
Load	<input checked="" type="checkbox"/>	
Impact	<input type="checkbox"/>	
Density	<input type="checkbox"/>	Specifications: Per customer instructions
Bend	<input type="checkbox"/>	ATS SOP 978 Rev.0 as a guide
Pressure	<input type="checkbox"/>	

### Test Results

Sample	Maximum load (lbs)	Remarks
#1A 40% Glass PPS	3,197	Base was screwd onto 4"x4" wood block using provided screws. A universal test machine with a swivel block was used to apply load at 2 in/min to the face of the door brace until failure occurred. See Figure 1 for test setup. See appendix for load vs. displacement diagram.

**ISO 9001**

Prepared by: Colin Savage Colin Savage  
Materials Testing

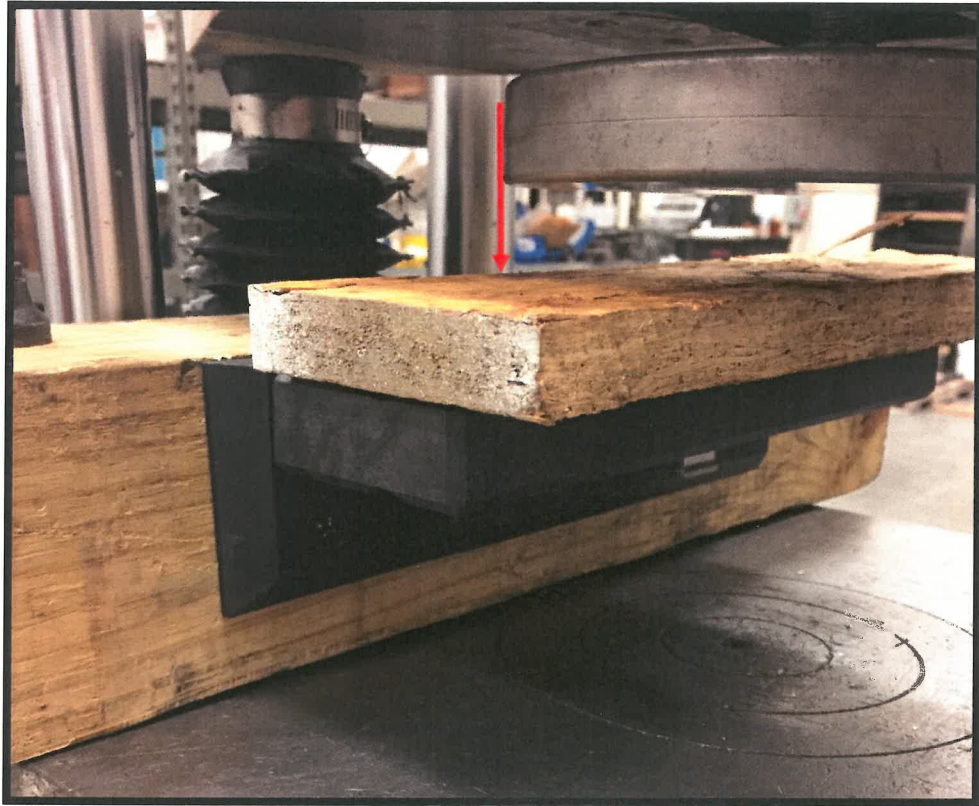
Approved by: Jeremy Senn Jeremy Senn  
Materials Testing

This report may not be reproduced except in full without the written approval of ATS. This report represents interpretation of the results obtained from the test specimen and is not to be construed as a guarantee or warranty of the condition of the entire material lot. If the method used is a customer provided, non-standard test method, ATS does not assume responsibility for validation of the method.



**MATERIALS TEST REPORT**

**Ref.** D284693-8    **Date** November 27, 2017    **Page** 2    **of** 3



**Figure 1:** Test setup, arrow shows force direction.



**MATERIALS TEST REPORT**

**Ref.** D284693-8    **Date** November 27, 2017    **Page** 3    **of** 3

# Appendix

**Applied Technical Services**  
**1049 Triad Court**  
**Marietta, GA 30062**

**Load Vs. Deflection**

Reference Number D283780  
 Customer SHA325  
 Purchase Order Credit Card  
 Material Polymer

Performed By CPS  
 Approved By SM  
 Test Method Per Customer  
 Test Date 11/21/2017  
 Test Setting Load vs Deflection

Sample No.: ONguard\_1  
 Ultimate, N: 14222.9  
 Ultimate, lbf: 3197.44

