



Certificate of Compliance

Conformity Assessment to Type

Certificate Number: C5340-01

Date Issued: 10 March 2010

Issue Number: 3

Issued To: AGP Group
Corporate Offices
Callé 93B No. 19-35, Piso 5
Bogotá, Colombia

The Product and Associated Variants as Listed Below were Assessed and Determined to Meet the Applicable Requirements of


EN 1063 – 1999, Class BR6

PRODUCT TYPE: Ballistic Glass Composite


MODEL: L 40-2



Approved by:


David Petit
Ballistics – Test Engineer

Prepared by:


Shelley Brady
Ballistics – Administrator

Note: This Certificate consists in full scope and contingencies of three (3) numbered pages.

ICS Laboratories, Inc. • 1072 Industrial Parkway North • Brunswick, Ohio 44212 USA
Phone: 330.220.0515 Fax: 330.220.0516

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Assessment Basis:

Test results / product assessments as associated with this certificate were performed by:

ICS Laboratories, Inc.
1072 Industrial Parkway North
Brunswick, OH 44212, USA

Test Report: T5340-01 Issue 3

Objective:

Contract testing to EN 1063 – 1999 Standard “Glass in building – Security glazing – Testing and classification of resistance against bullet attack”
-Class BR6

Sample:

Description:	Ballistic Glass Composite
Qty:	3
Average Weight (lbs):	50.57
Nominal Thickness (mm):	(1) 39.8, (1) 40.04, (1) 40.28
Measured Average Thickness (mm):	40.16

Equipment:

Test Weapon:	Universal Receiver
Test Barrel:	Krieger, 24” barrel
Caliber:	7.62
Projectile Type:	FJ ¹ /PB/SC
Manufacturer:	U.S. Military
Weight (gr.)	147
Propellant:	N-150
Weight (gr.)	44.56
Lot:	1892
Oehler model 35P chronograph	
Oehler model 57 infrared detector screens	

Date Tested: 25 February 2010
Test Performed By: David Petit – Senior Ballistics Technician
Marcus Jaworske – Ballistics Lab Technician

Procedures:

Range configuration was set up per EN 1063, Class BR6 Standard.

Testing protocols in accordance with good laboratory practice were employed for all tests.

Testing was performed at $18^{\circ} \pm 5^{\circ}\text{C}$ / RH $50\% \pm 20\%$.

Samples were stored for a period of 24 hours at a constant temperature of $18 \pm 5^{\circ}\text{C}$ / RH $50\% \pm 20\%$ before testing.

All projectiles had acceptable limits of flight stability and obliquity of impact.

The glass samples were mounted in a rigid frame, in a vertical position, all four glass edges were uniformly clamped over an area of 30 ± 5 mm width to specified requirements per EN 1063, Class BR6 Standard.

Upon completion of each impact, glass samples were observed to identify no splinters, splinters or complete penetration.

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Terms and Conditions**

Terms and Conditions:

- a. This Certificate of Conformity Assessment to Type bears solely that the product(s) as assessed on the above referenced report comply with the applicable standard and requirements thereof.
- b. Conformity is not indicative or representative of the qualities of the lot from which samples were taken or of apparently identical or similar products.
- c. No guarantee or warranty of compliance is given or implied as to the compliance of apparently identical or similar products.
- d. No guarantee or warranty of suitability for use of the product of which is subject to this certificate is given or implied.
- e. Certificate holder agrees, in consideration of the terms and conditions of this certificate, to protect, defend, indemnify, save harmless and exonerate ICS from any and all claims, damages, expenses either direct or consequential for injuries to persons or property arising out of or in consequence of the this certificate and / or the performance of the products covered by this certificate.