

BALLISTIC TEST REPORT

Prepared For: American Glass Products (AGP)

Test Date: 16 March 2010 Contract/Order No.: 11897

Ambient Temperature: 71 °F Relative Humidity: 31 %

Test Panel Identification: Ballistic Samples C036853,C036854 and C036855
20" x 20" x 26.35lb; Test Specification CEN Level B4

Type: Multilayer Glass Transparency, Flat Grade: Formula: L22-6

Thickness (Avg.): Nominal 0.887 (22.5mm) inch(es) Areal Density: 9.5 lbs/sq.ft.

Projectile Caliber: .44 Mag (240 grain) Projectile Type: JSP, Speer #4457


Propellant Type: IMR 4227 Gun I.D.: 44MagNIJLg

Witness Plate Material: 0.002" Bare Aluminum Foil.

Impact Obliquity: 0 degrees File Name: 10031610b.doc

Shot Number	Weights (Grains)		Velocity Data (ft/sec)			Penetration Description / Tile Number
	Projectile	Propellant	No. 1	No. 2	Average	
						Sample C036853
10-75443	239.2	23.0	1440	1438	1439	No Penetration(NS), 12 O'clock
10-75444	239.6	22.5	1406	1404	1405	No Penetration(NS), 04 O'clock
10-75445	239.7	22.5	1403	1397	1400	No Penetration(NS), 08 O'clock
						Sample C036854
10-75446	239.4	22.5	1404	1399	1402	No Penetration(NS), 12 O'clock
10-75447	239.9	22.5	1407	1401	1404	No Penetration(NS), 04 O'clock
10-75448	239.8	22.5	1403	1401	1402	No Penetration(NS), 08 O'clock
						Sample C036855
10-75449	240.0	22.5	1421	1416	1419	No Penetration(NS), 12 O'clock
10-75450	239.4	22.5	1419	1413	1416	No Penetration(NS), 04 O'clock
10-75451	240.0	22.5	1410	1404	1407	No Penetration(NS), 08 O'clock

Comments: Test Criteria: Test to Modified CEN Level B4 (Pistol).
Three impacts on the vertices of a 50mm triangle @ 1394-1427 fps (425-435 mps)
Panels PASSED Test Specification. (NS) Denotes No Splinters.

Ronald Hoffman  Digitally signed by Ronald Hoffman
 DN: cn=Ronald Hoffman, o=UDRI, ou=IPL, email=ron.hoffman@udri.udayton.edu, c=US
 Date: 2011.12.12 12:36:55 -05'00'

Witness: _____ Witness: _____