



July 24, 2015

Mr. Robert Riggs
BRB Designs, LLC
14612 Masaccio Ln.
Bakersfield, CA 93306

Dear Mr.Riggs:

Per your instructions National Technical Systems, Inc. – Wichita Division performed Ballistic Resistance testing in accordance with **NIJ 0108.01, Threat Level IIIA** on the model listed below. The projectiles used for this testing were .44 Magnum 240 gr. LSWC and 9mm 124 gr.FMJ.

A copy of the ballistic test reports are attached for your inspection. The NTS record numbers included in this series of testing are: **BRB15001-002**

NTS Record No.	Model No.	Projectiles	Velocity	Results
BRB15001	RSL1	9mm 124 gr. FMJ	1361	No Penetration
			1418	No Penetration
			1432	No Penetration
			1396	No Penetration
			1376	No Penetration
BRB15002	RSL1	.44 Magnum 240 gr. LSWC	1433	No Penetration
			1437	No Penetration
			1448	No Penetration
			1447	No Penetration
			1446	No Penetration

The data presented is for the samples tested only; it does not guarantee the performance of other samples of the same or similar product. The test results do not imply endorsement by National Technical Systems, Inc. – Wichita Division.

The test samples will be returned per your instructions. Should you have any questions, please feel free to call upon us.

Best regards,

Matt Lutz
Division Manager

NATIONAL TECHNICAL SYSTEMS
BALLISTIC RESISTANCE TEST

Date Received: 07/21/15
 Via: UPS
 Returned Via: UPS

Record No.: BRB15001
 Test Date: 07/24/15
 Customer: BRB Design, LLC

Test Conditions

Temperature: 71 °F.
 Humidity: 49 %
 Test Spec.: NIJ 0108.01
 Threat Level: IIIA

Range 1

Muzzle to Screen 1: 4.50 ft.
 Screen 1 - 2: 5.00 ft.
 Screen 2 - Target: 6.56 ft.
 Midpoint to Target: 9.06 ft.
 Target to Witness: 0.50 ft.
 Witness: 2024-T3 Alum.
 Barrel Length: 10 in.

Sample Description			Test/Ammunition Description					Chronograph		Results
Model Number	Sample Thickness (in.)	Sample Weight (lbs.)	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight/Type	TIME sx-5	VELOCITY fps	Penetration No Penetration
RSL1	0.500	4.61	1	1	0	9mm	124 FMJ	367.4	1361	No Penetration
RSL1	0.500	4.61	2	2	0	9mm	124 FMJ	352.7	1418	No Penetration
RSL1	0.500	4.61	3	3	0	9mm	124 FMJ	349.1	1432	No Penetration
RSL1	0.500	4.61	4	4	0	9mm	124 FMJ	358.1	1396	No Penetration
RSL1	0.500	4.61	5	5	0	9mm	124 FMJ	363.3	1376	No Penetration

This test was performed in accordance with the specification requirements and the results properly reflect the ballistic performance of the listed sample.

National Technical Systems, Inc.
 7447 W. 33rd St. N.
 Wichita, KS 67205 U.S.A.

Phone 316-832-1600
 Fax 316-832-1602
 ustl@nts.com

REMARKS/NOTES:

Sample secured using frame and clamps.

Test Round Used:

9mm Luger 124 gr. Full Metal Jacket @ NIJ 0108.01 Level IIIA velocity of 1400 +/- 50 fps.

Shot Spacing:

Minimum 2.0" shot-to-edge and shot-to-shot.

Sample Tested:

Manufacturer: RiggsShield
 Model No.: RSL1
 Serial No.: 7152015-1
 Sample No.: 1
 Lot No.: N/A
 Size (in.): 16.25 x 8.5

Sample Description:

Layer 1: Rigid woven material (5x5, 0.500" thick).

NATIONAL TECHNICAL SYSTEMS
BALLISTIC RESISTANCE TEST

Date Received: 07/22/15
 Via: UPS
 Returned Via: UPS

Record No.: BRB15002
 Test Date: 07/24/15
 Customer: BRB Design, LLC

Test Conditions

Temperature: 71 °F.
 Humidity: 49 %
 Test Spec.: NIJ 0108.01
 Threat Level: IIIA

Range 1

Muzzle to Screen 1: 4.50 ft.
 Screen 1 - 2: 5.00 ft.
 Screen 2 - Target: 6.56 ft.
 Midpoint to Target: 9.06 ft.
 Target to Witness: 0.50 ft.
 Witness: 2024-T3 Alum.
 Barrel Length: 14 in.

Sample Description			Test/Ammunition Description					Chronograph		Results
Model Number	Sample Thickness (in.)	Sample Weight (lbs.)	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight/Type	TIME sx-5	VELOCITY fps	Penetration No Penetration
RSL1	0.540	4.93	1	1	0	.44 Mag.	240 LSWCGC	348.8	1433	No Penetration
RSL1	0.540	4.93	2	2	0	.44 Mag.	240 LSWCGC	348.0	1437	No Penetration
RSL1	0.540	4.93	3	3	0	.44 Mag.	240 LSWCGC	345.2	1448	No Penetration
RSL1	0.540	4.93	4	4	0	.44 Mag.	240 LSWCGC	345.6	1447	No Penetration
RSL1	0.540	4.93	5	5	0	.44 Mag.	240 LSWCGC	345.8	1446	No Penetration

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REMARKS/NOTES:

Sample secured using frame and clamps.

Test Round Used:

.44 Magnum 240 gr. Lead Semi-wadcutter Gas Checked @ NIJ 0108.01 Level IIIA velocity of 1400 +/- 50 fps.

Shot Spacing:

Minimum 2.0" shot-to-edge and shot-to-shot.

Sample Tested:

Manufacturer: RiggsShield
 Model No.: RSL1
 Serial No.: 7162015-1
 Sample No.: 2
 Lot No.: N/A
 Size (in.): 16.25 x 8.5

Sample Description:

Layer 1: Rigid woven material (5x5, 0.540" thick).



BRB15001 Strike Face



BRB15001 Body Side



BRB15002 Strike Face



BRB15002 Body Side