



Wiltshire Ballistic Services Ltd

The Ranges, Station Road, Devizes

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<http://www.wiltshireballistics.co.uk>

Armourshield Ltd
PO Box 456
Manchester

Trial Number 10459bi

M60 2LL

16 November 2015

BALLISTIC TEST REPORT

Please find attached, reports for the following test/s carried out at Wiltshire Ballistic Services on 12 November 2015.

Sample Name or No.	Description	Results
AS3A-4	.357 SIG FMJ FN 125gr R&D - NIJ 0101.06 level IIIA .357 SIG	All shots held, largest BFS 24.3mm
AS3A-4	.357 SIG FMJ FN 125gr R&D - NIJ 0101.06 level IIIA .357 SIG	All shots held, largest BFS 25.8mm
AS3A-4	.44 Magnum Remington SJ HP 240gr R&D - NIJ 0101.06 level IIIA .44 Magnum	All shots held, largest BFS 39.4mm
AS3A-4	.44 Magnum Remington SJ HP 240gr R&D - NIJ 0101.06 level IIIA .44 Magnum	All shots held, largest BFS 39.9mm

The results contained in this report are only valid for the samples tested and detailed above. The publication of these results in any abridged form is not allowed without approval by Wiltshire Ballistic Services Ltd. in writing.

For and on behalf of Wiltshire Ballistic Services Ltd

16 November 2015



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 Devizes, Wiltshire, SN10 1BZ
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TEST REPORT
 10459bi - WBS - 12/11/2015
 16 November 2015

Armourshield Ltd
 PO Box 456
 Manchester
 M60 2LL

Trial Number 10459bi
 Trial Date 12/11/2015
 Trial Start Time 09:30
 Trial Finish Time 12:00

Range Temp (°C) 17.9
 Range Humidity (%) 84
 Range Pressure (mBar) 1005
 Range Technician Ben Smith
 Range Technician James Philbrook
 Range Technician

[Signature]

[Signature]

Report Completed James Philbrook Approved Signatory Sharon Pflieger-Taylor

BALLISTIC TEST DETAILS

R&D - NIJ 0101.06 level IIIA .357 SIG

Velocity From (m/s) 438.9 Witness Type Plastilina Configuration - Muzzle to Target (m) 5.0
 Velocity To (m/s) 457.1 Ammunition .357 SIG FMJ FN 125gr Configuration - Muzzle to Chrono Centre (m) 2.5

SAMPLE DETAILS AS3A-4 Armourshield Ltd
 .357 SIG Panel 1, Lot no: 636 Serial no: 1065664, Front
 Size: XL
 Weight (kg): 1.248

Shot No.	Velocity m/s	Held/ Penetrated	Backface Signature mm	Comments
1	445.99	Held	22.8	
2	441.91	Held	24.3	
3	434.48	Held	22.9	Slow
4	442.89	Held	8.0	Angled shot, 30°
5	445.79	Held	8.9	Angled shot, 45°
6	451.45	Held	16.4	
7	448.67	Held	23.7	

SAMPLE DETAILS AS3A-4 Armourshield Ltd
 .357 SIG Panel 2, Lot no: 636 Serial no: 1065665, Front
 Size: XL
 Weight (kg): 1.248

Shot No.	Velocity m/s	Held/ Penetrated	Backface Signature mm	Comments
1	452.28	Held	25.8	
2	451.26	Held	24.9	
3	441.01	Held	23.8	
4	440.10	Held	10.0	Angled shot, 45°
5	445.55	Held	8.2	Angled shot, 30°
6	440.47	Held	16.6	

AS3A-4 **RESULTS** All shots held, largest BFS 24.3mm
 R&D - NIJ 0101.06 level IIIA .357 SIG



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TEST REPORT
 10459bi - WBS - 12/11/2015
 16 November 2015

Armourshield Ltd
 PO Box 456
 Manchester

 M60 2LL

Trial Number 10459bi Range Temp (°C) 17.9
 Trial Date 12/11/2015 Range Humidity (%) 84
 Trial Start Time 09:30 Range Pressure (mBar) 1005
 Trial Finish Time 12:00 Range Technician Ben Smith
 Range Technician James Philbrook
 Range Technician

Report Completed *J. Philbrook* James Philbrook Approved Signatory *Sharon Pflieger Taylor* Sharon Pflieger Taylor

BALLISTIC TEST DETAILS

R&D - NIJ 0101.06 level IIIA .44 Magnum

Velocity From (m/s) 426.9 Witness Type Plastilina Configuration - Muzzle to Target (m) 5.0
 Velocity To (m/s) 445.1 Ammunition .44 Magnum Remington SJ HP 240gr Configuration - Muzzle to Chrono Centre (m) 2.5

SAMPLE DETAILS AS3A-4 Armourshield Ltd
 .44 Magnum Panel 1, Lot no: 636 Serial no: 1065667, Front Size: XL
 Weight (kg): 1.238

Shot No.	Velocity m/s	Held/ Penetrated	Backface Signature mm	Comments
1	442.09	Held	37.3	
2	438.33	Held	39.4	
3	435.67	Held	37.5	
4	439.06	Held	25.2	Angled shot, 30°
5	440.63	Held	14.3	Angled shot, 45°
6	443.20	Held	32.8	

SAMPLE DETAILS AS3A-4 Armourshield Ltd
 .44 Magnum Panel 2, Lot no: 636 Serial no: 1065666, Front Size: XL
 Weight (kg): 1.241

Shot No.	Velocity m/s	Held/ Penetrated	Backface Signature mm	Comments
1	442.50	Held	34.6	
2	439.81	Held	35.7	
3	436.89	Held	39.9	
4	437.33	Held	22.6	Angled shot, 45°
5	438.42	Held	14.3	Angled shot, 30°
6	438.25	Held	32.8	

AS3A-4 **RESULTS** All shots held, largest BFS 39.4mm
 R&D - NIJ 0101.06 level IIIA .44 Magnum

END OF REPORT