

REPORT NUMBER: 2211189-002

Test Performed For:
 Canarmor Inc.
 10101 yonge St
 Unit 3
 Richmond Hill, Ontario
 Canada, L4C 1T7
 (P) (416) 244-2476
 (C) (905) 884-8338
 website: www.canarmor.ca



Test Performed By:
 Bosik Technologies Limited
 2495 Delzotto Avenue
 Ottawa, Ontario
 Canada, K1T 3V6
 (P) (613) 822-8898
 (F) (613) 822-3672
 email: ballistics@bosik.com
 website: www.bosik.com

TEST AND TEST MATERIAL IDENTIFICATION

Contract: Contract Number	2211189	Purchase Order	N/A
Material Identification: Panel Description	Back panel with carrier	Lot Number	Unknown
		Piece Number	N/A
		Panel Weight Dry (lbs.)	3.88
		Panel Weight Wet (lbs.)	4.04
		Measured Thickness	N/A
		Date of Manufacture	August 1, 2013
Model Number	N/A	Date Tested	September 6, 2013
Serial Number	POL-B-TP		
Size	Medium		
Laboratory Conditions: Temperature (°C)	20	Clay Calibration (mm)	18
Relative Humidity (%)	44	Target Base Line (m)	V ₁ =1.66, V ₂ =1.16

Velocity Measurement Instrumentation: 3 Oehler Model 57 Infrared Photoelectric Screens with Oehler Chronograph Model 30 (V1) and Hewlett Packard Model 5315A (V2) Universal Counter reading the bullet time of flight on a 2 and 1 metre distance.

Firing Range: Distance between the front face of the Test material and the muzzle of the test barrel 5 Metres

Test Barrel: **Calibre:** .44 Magnum **Length:** 28.00 inch **Twist rate:** 1-20 inch **Manufacturer:** Shilen Inc.

Loading Components:	Case	Winchester .44 Magnum	Primer	CCI BR2
	Powder	Winchester 231	Bullet Manufacturer	Winchester

Test Specification: V_{proof} Ballistic Penetration and Backface Signature (P-BFS) Test in a wet condition in accordance with NIJ 0101.04 Level IIIA, with a maximum deformation depth of 44mm. Using 3 horizontally positioned Velcro elastic straps 2 inch wide to secure the Test Sample to the Clay Backing material, and .44 calibre 240 grain SJHP bullets at a velocity range between 427m/s and 445m/s.

BALLISTIC RESULTS

Shot Number	Shot Load (grains)	Shot Angle (degrees)	Instrumentation Velocity (m/s) [(V ₁ +V ₂)/2]	Penetration: Partial or Complete	Deformation Depth (mm)	Fair or Unfair Impact	Shot Counted (m/s)
1	11.2	0	435	Partial	32	Fair	435
2	11.2	0	433	Partial	30	Fair	433
3	11.2	0	438	Partial	31	Fair	438
4	11.2	30	431	Partial	N/A	Fair	431
5	11.2	30	430	Partial	N/A	Fair	430
6	11.2	0	430	Partial	28	Fair	430
Average velocity:							433

Does this shoot pack meet or exceed the specified requirements? Yes

Test Performed By: 
 Daniel Lavallee

Test Results Checked By: 
 Hailom Gebremeskel, B.Eng.