

**RESTRICTED
TEST REPORT**

REPORT NO: STRIDE/TPH18-010



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Job No: BA/18-012

Item Type: Ballistic Resistance Panel

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TEST RESULT

CLIENT DETAIL

STEC ARMOR BERHAD
G-G-5 Connaught Avenue, No.38,
Jalan 9, Taman Bukit Cheras,
56000 Kuala Lumpur.

Date Received: 16.05.2018
Via: Hand
Date Tested: 16.05.2018
Returned: 16.05.2018

TEST CONDITION

Temperature: 29 °C
Relative Humidity: 81 %

ARMOUR DETAIL

Type: Shield Panel

Size(mm): 500 

Manufacturer: STEC ARMOR BERHAD
Material: Polymer Shield
Nature: Composite
Layer Composition: NA
Weight: 0.735 kg
Reference No.: NA
Marking: S3
Ave. Thickness: 4 mm (with cover 4.8 mm)
Strike Face: Front
Conditions: Dry

BALLISTIC THREAT

Protection Level: NIJ Std 0108.01 Level II A (332 ±12 m/s)
Caliber: 9 mm
Obliquity: Zero
Projectile Weight: 8.0 g (124 gr)
Projectile Type: FMJ

RANGE SET UP

Range: 600 m covered
Muzzle to Target: 5 m
Velocity/Model: Chronograph / Caldwell

WEAPON SET UP

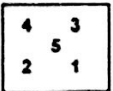
Barrel Length: 203.2 mm
Barrel Serial No.: 1782
Weapon Type: Universal Test Gun
Model: Prototypa

TEST PERSONNEL

Coordinator: Firdaus
Data record: Mastizah
Gunner: Rosnazri

AMMUNITION

Lot No: Lot 13 SME 7-13
Charge w/t: 0.35g

Shot No.	Velocity	Energy	Notes	Observation	Test Result
	(m/s)	(j)			
1	320	410	e	NA	PASSED 
2	321	412	e		
3	334	446	e		
4	331	438	e		
5	333	444	e		
Notes: - No penetrations allowed including the witness sheet					

Footnotes:

- a Excessive velocity
- b Insufficient velocity
- c Too close to prior impact
- d Too close to edge
- e Partial penetration
- f Complete penetration

Approved Signatory:


AZMI MINAL
 Head of Ballistic Section
 Weapon Technology Division, STRIDE

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