

RESTRICTED
TEST REPORT

REPORT NO: STRIDE/TP/18-010



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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.

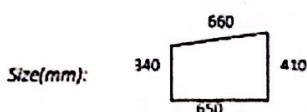
Date Received: 16.05.2018
Via: Hand
Date Tested: 16.05.2018
Returned: 16.05.2018

TEST CONDITION

Temperature: 29 °C
Relative Humidity: 81 %

ARMOUR DETAIL

Type: Car Side window



Manufacturer: STEC ARMOR BERHAD
Material: Glass
Nature: Laminated
Layer Composition: NA
Weight: 4.750 kg
Reference No.: NA
Marking: S2
Ave. Thickness: 10.6 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	371	551	a, e	Glass back spall towards firer at least 1 m distance. No penetration on the witness sheet.	<p>PASSED</p>
2	331	438	e		
3	333	444	e		
4	324	420	e		
5	327	428	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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