



**BALLISTIC & MECHANICAL TESTING**

## LABORATORY TEST REPORT

### BUILDING ELEMENTS TESTING AND RATING FOR INTRUDER RESISTANCE AS 3555.1-2003

Document Revision 2 - April 2015 - Issued by H.Bui



#### CLIENT DETAILS

**George Karabinas**  
**GAT Technologies**  
21 Aitken St  
Williamstown, VIC 3016  
Australia

Date Received	Oct 21	Job No.	7074-21
Courier	Client	Test Date	29-Oct-21
Sample Designation	Polycarbonate	Client	GAT
Purchase Order	000088	Report No.	7074.1-21
		Page No.	1 of 3

#### SAMPLE DETAILS

Sample No./ID	7074-21
Manufacturer	GAT Technologies
Model No.	TUFFAK AR2 sandwiched in a frame lined with 6mm neoprene
Batch No.	Not Supplied
Serial No.	Not Supplied
Size (mm)	800x800x12.7
Material Type	Polycarbonate
Date of Manufacture	Not Supplied

#### ATTACK EQUIPMENT DETAILS

Equipment Description	Length	Weight
Broom	1430mm	1132g
Mop Bucket 15L	400mm	2018g
Fire Extinguisher	420mm	1815g
25mm SHS steel section	1000mm	1933g
Claw Hammer	340mm	1042g
Mallet	300mm	1572g
Small Crow Bar	450mm	1326g
Hand Saw	470mm	285g
Pruning Saw	650mm	420g

#### TEST CONDITIONS

Temperature	19.2 °C
Relative Humidity	59.0 %
Conditioning	Ambient

#### TEST PERSONNEL

Data Recorder	Ben Eu
Attacker(s)	Ben Eu
Witness	George Karabinas

#### RESULTS

Attack Level	Special
Time taken to pierce sample	Not Pierced
Result after five (5) minutes of attack	Pass
Result after ten (10) minutes of attack	Pass

#### Rating of Building Element:

**N/A**

#### Deviations from Standard:

- This sample was tested under client's guidance for demonstration purposes and does not form part of a compliance test.
- Sample withstood a total of 12 minutes, 30 seconds of attack in the following order:

Broom	1 minute
Mop Bucket 15L	1 minute
Fire Extinguisher	1 minute 30 seconds
25mm SHS steel section	4 minutes
Claw Hammer	30 seconds
Mallet	1 minute 30 seconds
Small Crow Bar	1 minute
Hand Saw	30 seconds
Pruning Saw	1 minute 30 seconds

B. Eu  
(Approved signatory)

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Email: ben@armourtesting.com



Accreditation Number: 13310  
Accredited for compliance with ISO/IEC 17025.  
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national

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Image 1: Sample Pre-test



Image 2: Sample Post-test



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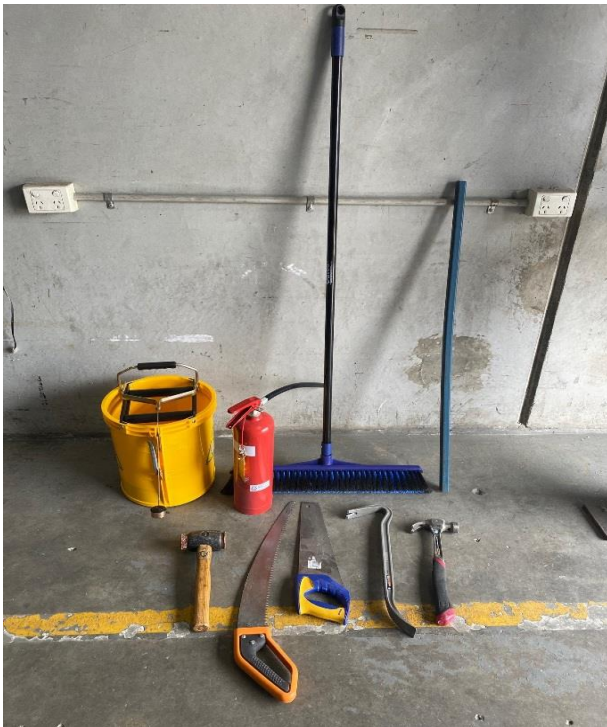


Image 3: Attack tools



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