



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
Courier Client
Sample Designation Polycarbonate
Purchase Order 000088

Job No. 7074-21
Test Date 29-Oct-21
Client GAT
Report No. 7074.2-21
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
Axe	850mm	2766g

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	Level 1
Time taken to pierce sample	2 minutes 50 seconds
Result after five (5) minutes of attack	Pass
Result after ten (10) minutes of attack	Pass

Rating of Building Element:

Level 1 - 10 minutes

Deviations from Standard:

1. Nil

Notes:

1. Sample had existing damage from a previous test.

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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