

## TEST REPORT NO.: 16 – 0258.1

**Report Date:** 29/8/16  
**Our Ref:** 16/A/1399  
**Client:** Abey Australia Pty Ltd  
57-81 Abey Rd Melton Vic 3337  
**By Email:** geoff\_anderson@abey.com.au  
**Sample:** Galvanised light-duty face-fixing veneer ties  
**Sample received:** 8/3/16



*Sharp and Howells Pty Ltd*

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NATA Lab. No. 61 & 658

A handwritten signature in purple ink, appearing to read 'Stuart Errey', with a long horizontal flourish underneath.

Report Prepared By: \_\_\_\_\_ Stuart Errey

TEST

METHOD OF TEST

Determination of:

Compressive strength of wall ties  
Tensile strength of wall ties  
Resistance to water transfer

AS/NZS 2699.1-2000 Appendix B  
AS/NZS 2699.1-2000 Appendix B  
AS/NZS 2699.1-2000 Appendix E

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**STRENGTH OF WALL TIES**

Maximum cavity width: 50mm  
Source of the lot: Box of 150  
Date of test: 28/7/16

Location of test: Lab  
Age of specimens when tested: 8 days

**Strength in compression**

| Specimen no      | 1    | 2    | 3    | 4    | 5    | 6    |
|------------------|------|------|------|------|------|------|
| Applied load, kN | 0.52 | 0.50 | 0.59 | 0.54 | 0.52 | 0.68 |

Abnormal results excluded: 6  
Reason for exclusion: Outlier  
Characteristic strength in compression: 0.42 kN

**Strength in tension**

| Specimen no      | 7    | 8    | 9    | 10   | 11   | 12   |
|------------------|------|------|------|------|------|------|
| Applied load, kN | 0.35 | 0.35 | 0.39 | 0.38 | 0.50 | 0.36 |

Abnormal results excluded: 11  
Reason for exclusion: Outlier  
Characteristic strength in tension: 0.28 kN

**Resistance to water transfer**

| Specimen no        | 13 | 14 | 15 |
|--------------------|----|----|----|
| Water transferred? | No | No | No |

Classification of tie:

These ties were found to meet the requirements in AS/NZS 2699.1-2000 for **Light duty** wall ties.