



# BRICK & MORTAR RESEARCH LABORATORY

A trading division of Sharp & Howells Pty Ltd ACN 004 782 996 ABN 26 004 782 996

NATA Accredited Laboratory No 658

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**TEST CERTIFICATE NO 8358.3**

**DATE: 29/1/15**

PROPERTIES OF WALL TIES

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CLIENT: Wilmaplex Pty Ltd  
57 Lathams Rd  
Carrum Downs Vic 3201

SAMPLE: WTBX8 GAL Z600 veneer face (stubby) wall ties. Galvanised nails for stud fixing supplied by the client.  
Source of sample: ties supplied by the client.

RECEIVED: 5/12/14

DATE OF TESTING: 20/1/15

TEST

METHOD OF TEST

Determination of:

Strength of wall ties  
Resistance to water transfer

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

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



**Stuart Errey**  
MRACI, C Chem  
Manager

Test Certificate No 8358.3

29/1/15

**STRENGTH OF WALL TIES**

Cavity width: 50 mm    Location of test:      Laboratory  
 Age of specimens when tested: 7 days  
 Frame end of tie nailed to section of MGP 10 timber stud, 90 x 45 mm.

**Strength in compression**

Specimen no	1	2	3	4	5	6
Applied load, kN	0.70	0.68	0.59	0.76	0.57	0.59

Abnormal results excluded:      Nil  
 Reason for exclusion:  
 Characteristic strength in compression:              0.48 kN  
 Classification of tie:                              Medium duty

**Strength in tension**

Specimen no	7	8	9	10	11	12
Applied load, kN	0.27	0.29	0.31	0.30	0.27	0.24

Abnormal results excluded:      Nil  
 Reason for exclusion:  
 Characteristic strength in tension:                              0.20 kN  
 Classification of tie:                              Light duty

**RESISTANCE TO WATER TRANSFER**

Specimen no	13	14	15
Vertical displacement, mm	10	10	10
Water transfer ?	No	No	No

Classification of tie:              Pass

Overall classification of tie:              **Light Duty**