



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

FACTORY 2, 2 HORNE ST HOPPERS CROSSING VIC 3029 PH/FAX: (03) 9369 8018 MOB: 0419 592 838 EMAIL: bmrl@bigpond.com WEBSITE: bmrl.com.au

Page 1 of 2

TEST CERTIFICATE NO 8358.6

DATE: 2/2/15

PROPERTIES OF WALL TIES

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

SAMPLE: SPV SS 316 veneer (twisted) wall ties. Stainless steel nails for stud fixing supplied by the client.
Source of sample: ties supplied by the client.

RECEIVED: 5/12/14

DATE OF TESTING: 30/1/15

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 8358.6

2/2/15

STRENGTH OF WALL TIES

Cavity width: 60 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	0.59	0.66	0.71	0.69	0.94	0.72

Abnormal results excluded: Nil
Reason for exclusion:
Characteristic strength in compression: 0.50 kN
Classification of tie: Medium duty

Strength in tension

Specimen no	7	8	9	10	11	12
Applied load, kN	0.89	0.72	0.61	0.72	0.63	0.61

Abnormal results excluded: Nil
Reason for exclusion:
Characteristic strength in tension: 0.51 kN
Classification of tie: Medium 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: **Medium Duty**