



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 8358.5

DATE: 2/2/15

PROPERTIES OF WALL TIES

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

SAMPLE: SPV Gal Z600 veneer (twisted) 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: 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

NATA Accredited Laboratory Number 658

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 8358.5

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	0.86	0.81	0.73	0.68	0.62	0.86

Abnormal results excluded: Nil

Reason for exclusion:

Characteristic strength in compression: 0.52 kN

Classification of tie: Medium duty

Strength in tension

Specimen no	7	8	9	10	11	12
Applied load, kN	0.71	0.41	0.67	0.70	0.64	0.68

Abnormal results excluded: 8

Reason for exclusion: Outside limits (Clause B10)

Characteristic strength in tension: 0.53 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**