BMRL

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 8358.4

DATE: 29/1/15

PROPERTIES OF WALL TIES

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

SAMPLE: WTBX8 S/S 316 veneer face (stubby) 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: 20/1/15

TEST	METHOD OF TEST
Determination of:	
Strength of wall ties	AS/NZS 2699.1-2000 Appendix B
Resistance to water transfer	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.

NATA
WORLD RECOGNISED ACCREDITATION

Stuart Errey
MRACI, C Chem
Manager

Test Certificate No 8358.4 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	0.38	0.44	0.61	0.42	0.42	0.46

Abnormal results excluded: Nil
Reason for exclusion:
Characteristic strength in compression: 0.32 kN
Classification of tie: Light duty

Strength in tension

Specimen no	7	8	9	10	11	12
Applied load, kN	0.24	0.24	0.31	0.25	0.25	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**