

WILMAPLEX PTY LTD






PROUDLY AUSTRALIAN

PRODUCT CODE	PRODUCT DESCRIPTION	APN Item Number 9315214	Tested by	Standard	COMPLY
ANT CAPS					
ACWH100x100x25	Ant Caps 100 x 100 x 25mm With Holes	193297	Monash University	AS3660.1-2000 Supplier needs to provide a cert of compliance for the steel grade and for galvanization in accordance with AS/NZS4680	YES
ACNH100x100x25	Ant Caps 100 x 100 x 25mm No Holes	193327	Monash University		YES
ACWH100x100x50	Ant Caps 100 x 100 x 50mm With Holes	291269	Monash University		YES
ACNH100x100x50	Ant Caps 100 x 100 x 50mm No Holes	291276	Monash University		YES
AC230x230	Ant Caps 230 x 230 x 50mm	503577	Monash University		YES
AC230x115	Ant Caps 230 x 115 x 50mm	291276	Monash University		YES
BRACKETS					
ABHD4040	Angle H/Duty 40 x 40 x 230mm	254110	N/A	No Standard Applicable	N/A
BRICK TIE					
WTS	Wall Tie. Slim. (With Nails) Z600 *	250105	Brick & Mortar Research Laboratory	AS/NZS 2699.1-2000 Appendix B & E	YES
WTBx8	Wall Tie Face. 4 ½ (Stubby.) Z600 *	250723	Brick & Mortar Research Laboratory	AS/NZS 2699.1-2000 Appendix B & E	YES
SPV	S.P. Veneer Tie. (Twisted.) Z600 *	250570	Brick & Mortar Research Laboratory	AS/NZS 2699.1-2000 Appendix B & E	YES
CONNECTOR NAILS					
CN500G	Connector Nails 500g HD Galv 33 x 3.15mm	505847	Monash University	No Standard Applicable	N/A
CN1KG	Connector Nails 1kg HD Galv 33 x 3.15mm	505854	Monash University	No Standard Applicable	N/A
CN5KG	Connector Nails 5kg HD Galv 33 x 3.15mm	505861	Monash University	No Standard Applicable	N/A
CYCLONE TIES					
CT 600MM	Cyclone Tie 600mm	505991	Monash University	AS1720, AS/NZS1170	YES
CT 400MM	Cyclone Tie 400mm	506196	Monash University	AS1720, AS/NZS1170	YES
EXPANSION TIES					
ET PLASTIC	Expansion Tie Plastic	503492	Brick & Mortar Research Laboratory	AS/NZS 2699.2-2000	YES
ETZ600	Expansion Tie Z600	503801	Brick & Mortar Research Laboratory	AS/NZS 2699.2-2000	YES
FOIL FASTENER					
FFB	Foil Fastener	250525	N/A	No Standard Applicable	N/A
HITCH (Angle slotted)					
PA47	130mm x 55mm x 47mm (1.6mm thickness)	500118	N/A	No Standard Applicable	N/A
HOOP IRON – PUNCHED (EACH ROLL BARCODED)					
2566M	25mm x 0.6mm x 6mtr	250068	N/A	No Building Code Applies	N/A
25615M	25mm x 0.6mm x 15mtr	250013	N/A		N/A
25630M	25mm x 0.6mm x 30mtr	250303	N/A		N/A
3086M	30mm x 0.8mm x 6mtr	251805	Monash University	AS1684	YES
30815M	30mm x 0.8mm x 15mtr	251904	Monash University	AS1684	YES
30830M	30mm x 0.8mm x 30mtr	251300	Monash University	AS1684	YES
30850M	30mm x 0.8mm x 50mtr	251706	Monash University	AS1684	YES
30115M	30mm x 1.0mm x 15mtr	240274	Monash University	AS1684	YES
30130M	30mm x 1.0mm x 30mtr	240311	Monash University	AS1684	YES
JOIST HANGERS					
JH50X60	50mm x 60mm	240113	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH50X90	50mm x 90mm.	240168	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH50X120	50mm x 120mm.	240540	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH50X140	50mm x 140mm.	240786	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH50X180	50mm x 180mm.	240922	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH50X220	50mm x 220mm.	240304	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45x60	45mm x 60mm	241141	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45X90	45mm x 90mm.	241158	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45X120	45mm x 120mm.	241165	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45X140	45mm x 140mm.	241776	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45X180	45mm x 180mm.	241783	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH45X220	45mm x 220mm.	241790	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X60	38mm x 60mm	242131	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X90	38mm x 90mm.	242148	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X120	38mm x 120mm	242520	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X140	38mm x 140mm.	242766	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X180	38mm x 180mm	242537	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH38X220	38mm x 220mm	242551	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH35X60	35mm x 60mm	243121	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH35X90	35mm x 90mm.	243138	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH35X120	35mm x 120mm.	243145	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH35X140	35mm x 140mm.	243756	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JH35X180	35mm x 180mm.	243770	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
JHSPLIT	Joist Hanger Split (a pair)	240199	Monash University	No Standard Applicable	N/A
JOIST STRAP					
JS	Joist Strap.	250594	Monash University	AS1720, AS/NZS1170 series	YES
MINI GRIP					
MG57	Mini grip. 57mm.	500002	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
MULTI GRIPS					
MG100	Multi grips. 100mm.	500040	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series & AS4055	YES
MG130	Multi grips. 130mm.	500071	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series & AS4055	YES
PERGOLA ANGLE					
PA36	88mm x 63mm x 36mm (1.6mm thickness)	500101	N/A	No Standard Applicable	N/A

POST SUPPORTS					
PS7590	Post Supports 75mm Leg 90mm Post	503027	Con Adam CEMQA Pty Ltd	Notes: Use 4.6 grade bolts conforming to AS1111, the driving of the bolts shall be in accordance with the requirements in AS1720.1. Use galvanised coach screws. The distance from the top of the concrete to the underside of the post anchor base must be less than 300mm. G300 Z275 is used with 4mm thickness. It is required that all post must bear on the pose anchor base, and a minimum post size of 90x90mm shall be used. A structural engineer must check the capacities in the table below in case of substantial wind loads and also to check the adequacy of concrete anchorage. Ak1=1.14 was used based on AS1170 to determine wind uplift capacity	YES
PS13090	Post Supports 130mm Leg 90mm Post	503065	Con Adam CEMQA Pty Ltd		YES
PS130100	Post Supports 130mm Leg 100mm Post	503072	Con Adam CEMQA Pty Ltd		YES
PS20090	Post Supports 200mm Leg 90mm Post	503010	Con Adam CEMQA Pty Ltd		YES
PS200100	Post Supports 200mm Leg 100mm Post	503102	Con Adam CEMQA Pty Ltd		YES
PS25090	Post Supports 250mm Leg 90mm Post	503133	Con Adam CEMQA Pty Ltd		YES
PS30090	Post Supports 300mm Leg 90mm Post	503171	Con Adam CEMQA Pty Ltd		YES
PS300100	Post Supports 300mm Leg 100mm Post	503188	Con Adam CEMQA Pty Ltd		YES
PS37590	Post Supports 375mm Leg 90mm Post	503218	Con Adam CEMQA Pty Ltd		YES
PS45090	Post Supports 450mm Leg 90mm Post	503256	Con Adam CEMQA Pty Ltd		YES
PS450100	Post Supports 450mm Leg 100mm Post	503263	Con Adam CEMQA Pty Ltd		YES
PS60090	Post Supports 600mm Leg 90mm Post	503294	Con Adam CEMQA Pty Ltd		YES
HDBD90MM	Heavy Duty Bolt Down 4mm x 90mm	503348	Con Adam CEMQA Pty Ltd		YES
PSH65MM	Post Support Half 65mm Leg	503362	Con Adam CEMQA Pty Ltd		YES
PSH130MM	Post Support Half 130mm Leg	503379	Con Adam CEMQA Pty Ltd		YES
PSH200MM	Post Support Half 200mm Leg	503386	Con Adam CEMQA Pty Ltd		YES
PSH300MM	Post Support Half 300mm Leg	505953	Con Adam CEMQA Pty Ltd		YES
PSP130MM	Post Support Pin 130mm 25mm Rod	503393	Con Adam CEMQA Pty Ltd		YES
PSP300MM	Post Support Pin 300mm 25mm Rod	503409	Con Adam CEMQA Pty Ltd		YES
PSCF130MM	Post Support Centre Fix 130mm	503416	Con Adam CEMQA Pty Ltd		YES
PSCF300MM	Post Support Centre Fix 300mm	503423	Con Adam CEMQA Pty Ltd	YES	
BDS90MM	Bolt Down 2mm Strip 3mm Base (Adjustable)	503430	Con Adam CEMQA Pty Ltd	YES	
BDS100MM	Bolt Down 2mm Strip 3mm Base (Adjustable)	503447	Con Adam CEMQA Pty Ltd	YES	
POST SUPPORTS - TORNADO					
PST90450	Post Support Tornado -post 90 length 450	503607	Con Adam CEMQA Pty Ltd	As Above	YES
PST90600	Post Support Tornado -post 90 length 600	503614	Con Adam CEMQA Pty Ltd	As Above	YES
PST100400	Post Support Tornado -post 100 length 400	503638	Con Adam CEMQA Pty Ltd	As Above	YES
PST100450	Post Support Tornado -post 100 length 450	503645	Con Adam CEMQA Pty Ltd	As Above	YES
PST100600	Post Support Tornado -post 100 length 600	503652	Con Adam CEMQA Pty Ltd	As Above	YES
STAINLESS STEEL PRODUCTS					
WTBX8SS	Wall Tie Face (Stubby) Stainless Steel 316	250730	Brick & Mortar Research Laboratory	AS/NZS 2699.1-2000 Appendix B & E	YES
SPVSS	S.P. Veneer Tie Stainless Steel 316 S/S	250587	Brick & Mortar Research Laboratory	AS/NZS 2699.1-2000 Appendix B & E	YES
ETSS 316	Expansion Tie Stainless Steel 316 S/S	503812	Brick & Mortar Research Laboratory	AS/NZS 2699.2-2000	YES
STRAP NAIL					
SN2590	25mm x 90mm.	258552	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series & AS4055	YES
SN5090	50mm x 90mm.	258668	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series & AS4055	YES
TAP-IN PLATES					
TIP45100	Tap-in Plate. 45 x 100.	252970	Monash University	AS/NZS 1649-2001	YES
TIP45150	Tap-in Plate. 45 x 150.	253274	Monash University	AS/NZS 1649-2001	YES
TIP70100	Tap-in Plate. 70 x 100.	254578	Monash University	AS/NZS 1649-2001	YES
TIP70150	Tap-in Plate. 70 x 150.	254882	Monash University	AS/NZS 1649-2001	YES
TIP70200	Tap-in Plate. 70 x 200.	255186	Monash University	AS/NZS 1649-2001	YES
TIP90100	Tap-in Plate. 90 x 100.	256244	Monash University	AS/NZS 1649-2001	YES
TIP90150	Tap-in Plate. 90 x 150.	256558	Monash University	AS/NZS 1649-2001	YES
TIP90200	Tap-in Plate. 90 x 200.	256794	Monash University	AS/NZS 1649-2001	YES
TENSIONER					
TENX6	Tensioners 25 Packs of 6	500132	N/A	No Standard Applicable	N/A
TRIPLE GRIP					
TGRH	Triple grip Right Hand.	500064	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
TGLH	Triple grip Left Hand.	500088	Monash University	AS1720, AS/NZS1170 series & AS4055	YES
UNITIES					
UTLH	Unitie Left Hand	503478	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series	YES
UTRH	Unitie Right Hand	503485	Con Adam CEMQA Pty Ltd	AS1720, AS/NZS1170 series	YES

Table 1 Limit states wind uplift design capacities for a of Wilmaplex post supports

Wilmaplex Post Supports	Ficing	Minimum Post size (mm)	Uplift Capacity for joint group J14 (kN)
	2 @ M10 bolts	Any	9.6
	2 @ M10 bolts	Any	4.2
	2 @ M10 bolts	90	9.6
	2 @ 75x10mm coach screws	90	4.3
	2 @ M10 bolts	90	9.6