



PRODUCT INFORMATION & TECHNICAL DATA

Post Supports

(Standard, 3mm Thick Stirrup, 32mm Diam. Shaft)

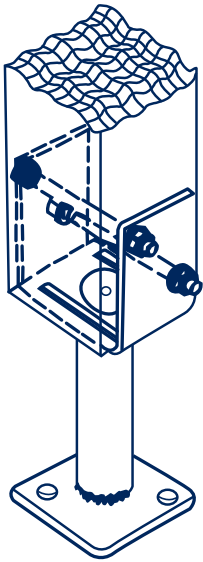
APPLICATIONS:

McIntyre Post Supports have been designed specifically to provide an efficient and economical anchorage for timber posts to concrete slabs or wet concrete.

McIntyre Post Supports are designed to keep moisture away from the bottom of timber posts, and provide an engineered resistance to uplift. They provide an efficient anchorage point for carports, timber decks and pergolas.

SPECIFICATIONS:

All McIntyre Post Supports (except GBPS) are HOT DIPPED GALVANISED which is the most efficient rust resistant coating available. They accommodate a range of timber post sizes from 90mm to 150mm.



NOTES:

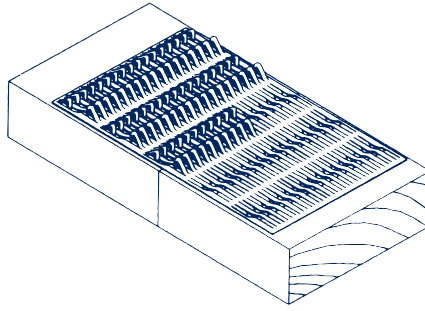
- 1. Max height of unsupported shaft (=distance between bottom of post & top of concrete) is 130mm.
- 2. Posts shall be 90 x 90 minimum and be located centrally on Post Support.
- 3. Holding down bolts in base plates shall be of adequate capacity to resist pull out.
- 4. All plates shall be 3mm thick minimum, with 3mm fillet welds.
- 5. All steel work and holding down bolts shall be protected against corrosion according to manufacturer's recommendations.

POST SUPPORT PRODUCT CODE	LOAD CASES	PERMANENT LOAD (KN) / JOINT GROUP					
		J4	JD4	J3	JB3	J2	JD2
FS, BOPS, ASPS, HSPS, BLPS, PPS, CYPs	DEAD LOAD	6.6	8.4	8.4	10.4	9.2	11.6
	DEAD & LIVE	9.0	11.3	11.3	14.0	12.4	15.7
FS, BOPS, ASPS	DEAD & WIND	6.6	8.4	8.4	10.4	9.2	11.6
HSPS, BLPS	DEAD & WIND	3.3	4.2	4.2	5.2	4.6	5.8
PPS	DEAD & WIND	7.5	9.4	10.9	13.7	14.8	18.5
CYPs	DEAD & WIND	13.3	16.8	16.8	20.8	18.4	23.2

Hooknail

APPLICATIONS:

McIntyre Hooknail has been designed to be applied by hammer as well as by hydraulic press. Hooknails are suitable for a wide range of applications in timber joinery, either structural or non-structural such as, formwork, site splicing, end protection of planks and wall frames.



SPECIFICATIONS:

SIZE: See dimensions.

STEEL: 1.2mm G300 Galvabond or equivalent.

Design Loads for McIntyre Nail Plates have been derived from tests in accordance with AS 1649-1974:

Determination of Basic Working Loads for Metal Fasteners for Timber.

Loads are related to the standard Timber Joint Groups are defined in AS- 1720.1

Results herein are based on the following timbers:

Timbers	Joint Group
North American Oregon, Western Hemlock, Radiata Pine and other Australian grown pines, Hoop Pine.	JD4

Basic Working loads for Hooknail:

Direction of Load	Basic working load (N) for Timber Joint Group, JD4
Parallel Perp.	109 72

***Note:** Load values for other groups are available through McIntyre Steel Industries (Vic) Pty. Ltd.

In timber joint design, nails within 12mm of ends or within 6mm of edges are regarded as not effective.

PRODUCT CODE/PACKAGING:

PRODUCT & SIZE (W x L)	No. of Nails W x L	CODE	QTY
35mm x 50mm	4 2	HK3550	500
35mm x 100mm	4 4	HK35100	250
35mm x 150mm	4 6	HK35150	167
35mm x 200mm	4 8	HK35200	125
35mm x 250mm	4 10	HK35250	100
35mm x 300mm	4 12	HK35300	84

45mm x 50mm	5 2	HK4550	400
45mm x 100mm	5 4	HK45100	200
45mm x 150mm	5 6	HK45150	134
45mm x 200mm	5 8	HK45200	100
45mm x 250mm	5 10	HK45250	80
45mm x 300mm	5 12	HK45300	68

70mm x 50mm	8 2	HK7050	300
70mm x 100mm	8 4	HK70100	150
70mm x 150mm	8 6	HK70150	100
70mm x 200mm	8 8	HK70200	75
70mm x 250mm	8 10	HK70250	60
70mm x 300mm	8 12	HK70300	50

90mm x 50mm	10	2	HK9050	200
90mm x 100mm	10	4	HK90100	100
90mm x 150mm	10	6	HK90150	67
90mm x 200mm	10	8	HK90200	50
90mm x 250mm	10	10	HK90250	40
90mm x 300mm	10	12	HK90300	34

135mm x 50mm	16	2	HK13550	100
135mm x 100mm	16	4	HK13510	50
135mm x 150mm	16	6	HK13515	34
135mm x 200mm	16	8	HK13520	25
135mm x 250mm	16	10	HK13525	20
135mm x 300mm	16	12	HK13530	17

Groupnail

APPLICATIONS:

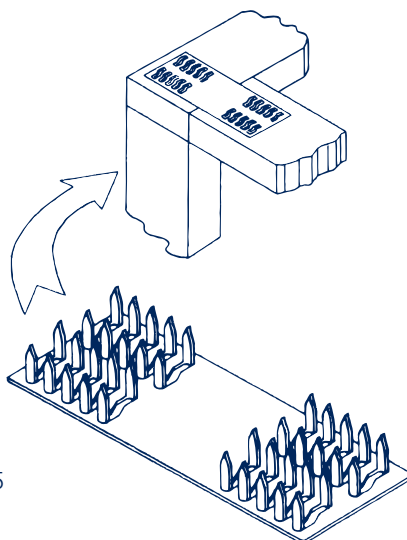
McIntyre Groupnail comes in a wide range of sizes with teeth "that bite". They are designed for fast and efficient timber jointing, using only a hammer.

Groupnail may be pressed using a hydraulic press if required, and are suitable for all types of timber providing quick and time saving connections.

SPECIFICATIONS:

SIZE: See dimensions

STEEL: 1.0mm G300 Galvabond or equivalent, Z275



PRODUCT CODE:

SIZE	CODE	QTY
25mm x 100mm	GN25	300
50mm x 100mm	GN50	200
75mm x 100mm	GN75	150
100mm x 100mm	GN100	100
50mm x 100mm	GNTTP	100

Design Loads for McIntyre Nail Plates have been derived from tests in accordance with AS 1649-1974:

Determination for Basic Working Loads for Metal Fasteners for Timber.

Loads are related to the standard Timber Joint Groups as defined in AS- 1720.1

Results are based on the following timbers:

Timbers	Joint Group
North American Oregon, Western Hemlock, Radiata Pine and other Australian grown pine, Hoop Pine.	JD4

Basic Working loads for Hooknail:

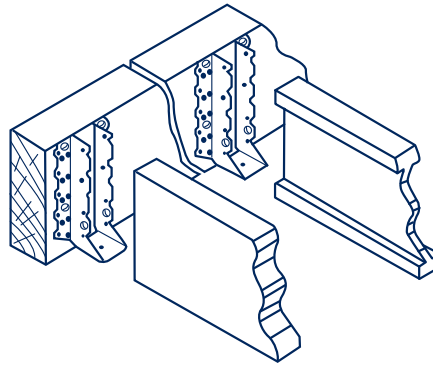
Direction of Load	Basic working load (N) for Timber Joint Group, JD4
Parallel Perp.	80 55

***Note:** Load values for other groups are available through McIntyre Steel Industries (Vic) Pty. Ltd.

Hangabrackets

APPLICATIONS:

McIntyre Hangabrackets provide a strong, rigid joist between two timber members, meeting at right angles. They are a safe and secure way to support timber where nailing is not practical and cannot support the load. Typical applications include, joist to fascia, joist to beam, joist to joist, pergola rafters to fascia, and beams to masonry. They are cost efficient and time saving in problem areas.



SPECIFICATIONS:

SIZE: See dimensions

STEEL: 1.0mm – 1.2mm for longer sizes

G300 Galvabond steel or equivalent, Z275

PACKAGING: HB3560 through to HB50180: 40 per carton

HB38/45/50 200: 20 per carton

PRODUCT CODE	LOAD CASES		NUMBER OF NAILS 30 x 3.15 PROCESSED	DESIGN LOAD KN FOR H/BT			
	TYPE	DIRECTION		J4	JD4	J3	JD3
HB3560, HB3860, HB4560, HB5060	DEAD	ANY	6	1.2	1.8	1.7	2.6
	WIND	ANY	2	0.9	1.3	1.3	1.8
HB3590, HB3890, HB4590, HB5090	DEAD	ANY	10	1.9	3.0	2.6	4.2
		PARALLEL	2 x M12 BOLTS	5.8	7.2	7.2	8.9
		PERP		3.0	5.3	4.8	7.2
	WIND	ANY	3	0.7	2.0	2.0	2.8
		PARALLEL	1 x M12 BOLT	11.5	14.3*	14.3*	14.3*
		PERP		2.3	4.3	3.6	5.8
HB35120, HB38120, HB45120, HB50120	DEAD	ANY	14	2.6	4.1	3.6	5.7
		PARALLEL	2 x M12 BOLTS	5.8	7.2	7.2	8.9
		PERP		3.0	5.3	4.8	7.2
	WIND	ANY	5	2.1	3.1	3.0	4.3
		PARALLEL	1 x M12 BOLT	11.5	14.3*	14.3*	14.3*
		PERP		2.3	4.3	3.6	5.8
HB35140, HB38140, HB45140, HB50140	DEAD	ANY	16	2.9	4.6	4.1	6.4
		PARALLEL	2 x M12 BOLTS	5.8	7.2	7.2	8.9
		PERP		3.0	5.3	4.8	7.2
	WIND	ANY	6	2.5	3.7	3.5	5.2
		PARALLEL	1 x M12 BOLT	11.5	14.3*	14.3*	14.3*
		PERP		2.3	4.3	3.6	5.8
HB38180, HB45180, HB50180	DEAD	ANY	20	3.5	5.6	5.0	7.0
		PARALLEL	4 x M12 BOLTS	11.5	14.3*	14.3*	14.3*
		PERP		6.0	10.6	9.5	14.3*
	WIND	ANY	8	3.1	4.9	4.4	6.0
		PARALLEL	1 x M12 BOLT	11.5	14.3*	14.3*	14.3*
		PERP		2.3	4.3	3.6	5.8
HB38220, HB45220, HB50220	DEAD	ANY	24	4.2	6.7	5.9	9.4
		PARALLEL	4 x M12 BOLTS	11.5	14.3*	14.3*	14.3*
		PERP		6.0	10.6	9.5	14.3*
	WIND	ANY	9	3.5	5.4	4.9	7.6
		PARALLEL	2 x M12 BOLTS	14.3*	14.3	14.3	14.3
		PERP		4.6	8.5	7.2	11.5

*Value determined by steel strength

For live loads – Multiply relevant dead loads by 1.2

(Table 2.5 of AS1720.1)

Unibracket

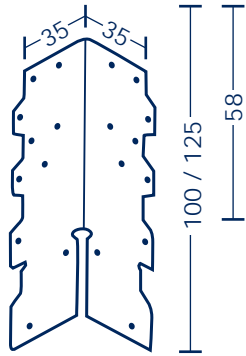
APPLICATIONS:

McIntyre Unibracket is a versatile connector designed to load its fastening nails in shear, substantially increasing resistance to withdrawal.

Using Unibracket reduces the need for a variety of connectors on site. It can be used as a corner support or as a Triple Fix.

Unibrackets are suitable for high load areas, i.e. tying down rafters to top plates.

DIMENSIONS:



SPECIFICATIONS:

SIZE: See dimensions

STEEL: 1.0mm G300 Galvabond or equivalent, Z275

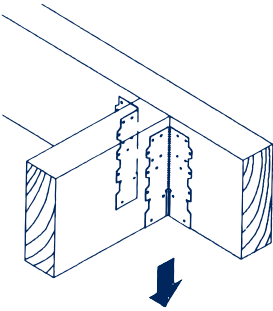
PRODUCT CODE/PACKAGING:

SIZE	CODE	PACKAGED
56mm	UN50	200
100mm	UN100	100
125mm	UN125	100

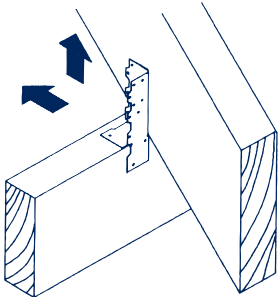
CODE	NUMBER OF NAILS	DESIGN LOADS (KN) PER UNIBRACKET							
		DIRECTION	LOAD CASE	J4	JD4	J3	JD3	J2	JD2
100mm UNIBRACKET (UN100)	10/ 30 x 3.15mm PROCESSED NAILS	1	DEAD LOAD	1.17	1.65	1.65	2.31	2.31	2.94
			FLOOR LIVE	1.40	1.98	1.98	2.77	2.77	3.53
			ROOF LIVE	1.58	2.23	2.23	3.19	3.19	3.97
			WIND UPLIFT	2.34	3.30	3.30	4.62	4.62	5.88

CODE	NUMBER OF NAILS	DESIGN LOADS (KN) PER MINI UNIBRACKET							
		DIRECTION	LOAD CASE	J4	JD4	J3	JD3	J2	JD2
58mm UNIBRACKET (UN50)	14/ 30 x 3.15mm PROCESSED NAILS	1	DEAD LOAD	0.47	0.66	0.66	0.92	0.92	1.18
			FLOOR LIVE	0.56	0.79	0.79	1.11	1.11	1.41
			ROOF LIVE	0.63	0.89	0.89	1.28	1.28	1.59
			WIND UPLIFT	0.94	1.32	1.32	1.85	1.85	2.35

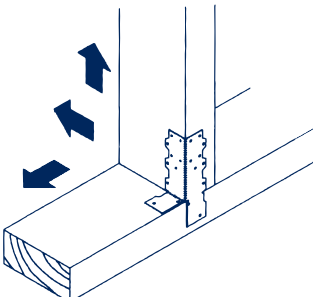
NOTE: Load values tabulated are for one direction as per applications



FACE FIXING BEAM



TRUSS / RAFTER TIE DOWN



STUD COLUMN FIXING

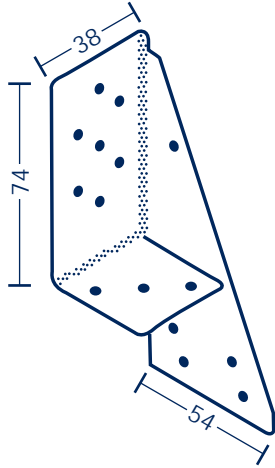
Triplefix

APPLICATIONS:

McIntyre Triplefix is a pre-formed framing anchor used for timber jointing. Its three-way anchorage capabilities make it a strong and efficient connector.

Triplefix are used whenever two pieces of wood are joined, especially where wind lift is a problem. Triplefix has a wide range of applications, i.e. roof trusses to plate, corner studs, and rafters to plates.

DIMENSIONS:



SPECIFICATIONS:

SIZE: See dimensions

STEEL: 1.0mm G300 Galvabond or equivalent, Z275

PRODUCT CODE: TGR / TGL

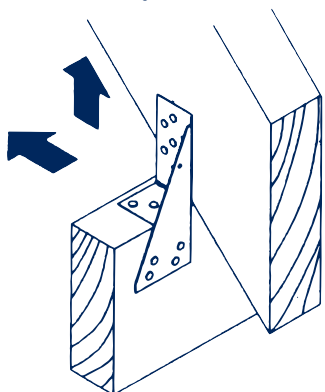
PACKAGING: 100 per carton.

DESIGN LOADS:

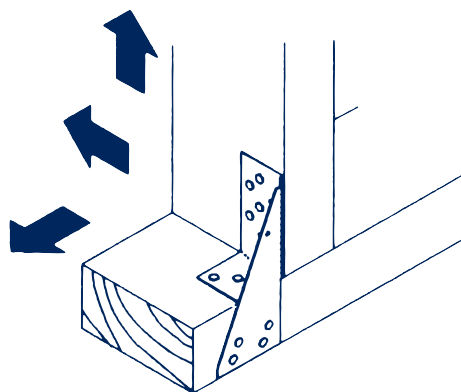
TIMBER GROUP	PRODUCT CODE											
	TGS				TGR / TGL							
	DIRECTION OF LOAD											
	1				2				3			
	Dead	Floor Live	Roof Live	Wind	Dead	Floor Live	Roof Live	Wind	Dead	Floor Live	Roof Live	Wind
J2	2.31	2.77	3.19	4.62	1.85	2.22	2.49	3.70	2.77	3.33	3.74	5.54
JD3	2.31	2.77	3.19	4.62	1.85	2.22	2.49	3.70	2.77	3.33	3.74	5.54
JD4	1.65	1.98	2.23	3.30	1.32	1.58	1.78	2.64	1.98	2.38	2.67	3.96

TIMBER GROUP	PRODUCT CODE											
	TGR / TGL											
	DIRECTION OF LOAD											
	4				5				6			
	Dead	Floor Live	Roof Live	Wind	Dead	Floor Live	Roof Live	Wind	Dead	Floor Live	Roof Live	Wind
J2	1.72	2.06	2.32	3.43	1.19	1.43	1.60	2.38	1.85	2.22	2.49	3.70
JD3	1.62	1.94	2.18	3.23	1.04	1.24	1.40	2.07	1.85	2.22	2.49	3.70
JD4	1.11	1.33	1.99	2.21	0.67	0.80	0.90	1.39	1.32	1.58	1.78	2.64

NOTE: Values tabulated for dry pine or hardwood / other values available through McIntyre Steel Industries.



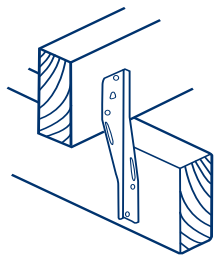
TRUSS RAFTER TIE DOWN



STUD / COLUMN FIXING

Joistrap / Holistrap

JOISTRAP



SPECIFICATIONS:

SIZE: 175 mm long

STEEL: G300 Galvabond or equivalent, Z275

PRODUCT CODE: JS150

PACKAGING: 150 per carton

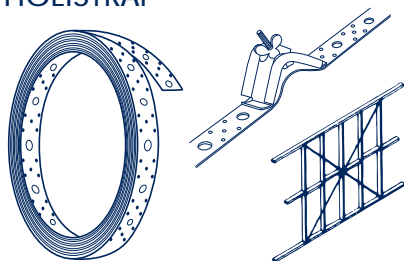
APPLICATIONS:

McIntyre Joistrap is a versatile metal strap with nail. It is used to connect beams which cross at right angles, such as, hanging beams to ceiling joists, rafters to beams, and purlins to rafters.

JOISTRAP CODE	NUMBER OF NAILS	LOAD CONDITIONS	DESIGN LOADS (KN) PER JOISTRAP					
			J4	JD4	J3	JD3	J2	JD2
175mm LONG JS150	2/ 30 x 3.15mm PROCESSED NAILS IN EACH END	DEAD WIND	0.47	0.66	0.66	0.92	0.92	1.18
		FLOOR LIVE	0.56	0.79	0.79	1.11	1.11	1.41
		ROOF LIVE	0.63	0.89	0.89	1.25	1.25	1.59
		WIND LOAD	0.94	1.32	1.32	1.85	1.85	2.16*

NOTE: *Value determined by steel strength

HOLISTRAP



SPECIFICATIONS:

McIntyre Holistrap (see product codes) complies with the requirements in AS1684- 1992 sec. 4. 9. 5. Type A bracing, and 4. 9. 6. Type B bracing. National Timber Framing Code.

APPLICATIONS:

McIntyre Holistrap (punched strapping) is manufactured in a variety of widths and thicknesses. Holistrap is a general purpose building product, particularly used in small framing and roofing applications. McIntyre Holistrap is easy to use as steel bracing for roofs, walls, ceilings and floors. The application of Holistrap is governed by the strength properties of the different thicknesses and widths available.

DESIGN LOADS

HOLISTRAP CODE	CROSS SECTION	DESIGN LOAD (KN)	NUMBER OF NAILS REQUIRED					
			J4	JD4	J3	JD3	J2	JD2
HS/ST	25mm x 0.6	1.80	4	3	3	2	2	2
HS/HD	25mm x 0.8	2.35	5	4	4	3	3	2
HS30	30mm x 0.8	3.05	7	5	5	4	4	3
HS30/HD	30mm x 1.0	3.81	9	6	6	5	5	4

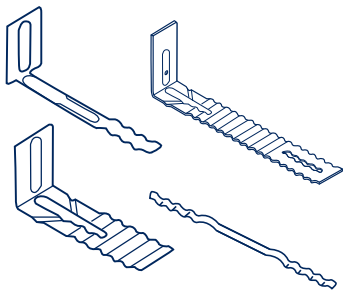
PRODUCT CODES

SIZE – WIDTH & THICKNESS	LENGTH	CODE
25mm x 0.6	6m	HS/ST6
	15m	HS/ST15
	30m	HS/ST30
	50m	HS/ST50
25mm x 0.8	6m	HS/HD6
	15m	HS/HD15
	30m	HS/HD30
	50m	HS/HD50
30mm x 0.8	6m	HS30/6
	15m	HS30/15
	30m	HS30/30
	50m	HS30/50
30mm x 1.0	6m	HS30/HD6
	15m	HS30/HD15
	30m	HS30/HD30
	50m	HS50/HD50

Brickties

APPLICATIONS:

McIntyre wall and frame ties are available for almost every application in domestic and commercial masonry building. Both the galvanized and stainless steel types provide a quick and efficient means of masonry to timber connection.



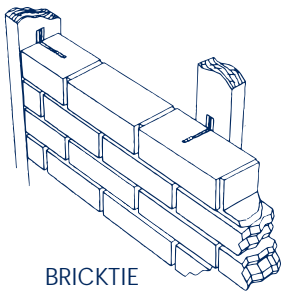
SPECIFICATIONS:

McIntyre brickties have been tested and proven in accordance with the Australian Standards AS2699-1984 and AS3700-1988, tested by the Brick Development Research Institute at Melbourne University for strength in compression, tension and water transfer.

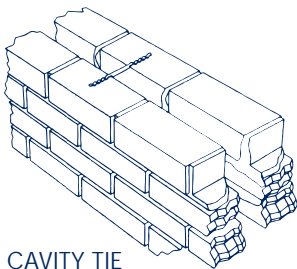
TEST CASE – BRICKTIE (STD): FACE OF WALL	STRENGTH (KN)
Strength in COMPRESSION	0.75
Strength in TENSION	0.28

TEST CASE – BRICKTIE SLIM: GALVANISED & STAINLESS	STRENGTH (KN)
Strength in COMPRESSION	0.41
Strength in TENSION	0.26

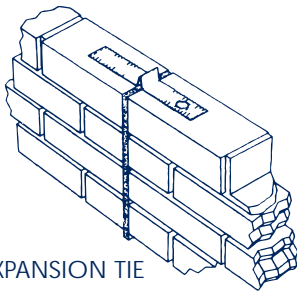
* In accordance with AS2699-1984; McIntyre Brickties meet the requirements for light duty classification.



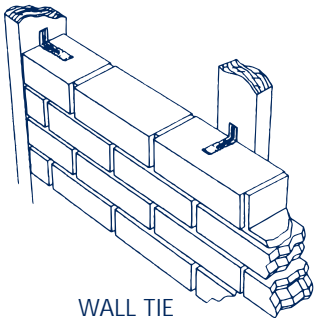
BRICKTIE



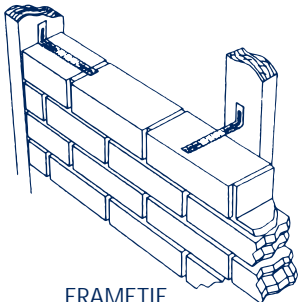
CAVITY TIE



EXPANSION TIE



WALL TIE

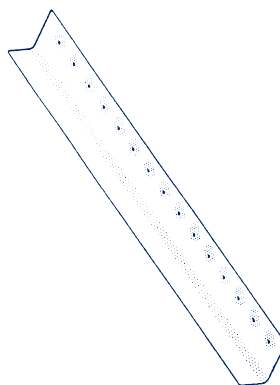


FRAMETIE

Wallbrace

APPLICATIONS:

McIntyre Wallbrace has eliminated the use of timber bracing in timber framing. It is an improved method of bracing which utilizes the tension and compression strength of steel. Simple and quick to install, it fits directly into a single saw cut and is nailed into each stud with a minimum of two nails. Light and easy to handle, it increases the frame strength and reduces fixing time.



SPECIFICATIONS:

SIZE: 18mm x 16mm x 1.2mm

STEEL: 1.2mm G300 Galvabond or equivalent, Z275

PRODUCT CODE: WB30, WB33, WB36, WB39, WB42, WB45, WB48

PACKING: 10 Lengths per bundle

TESTING:

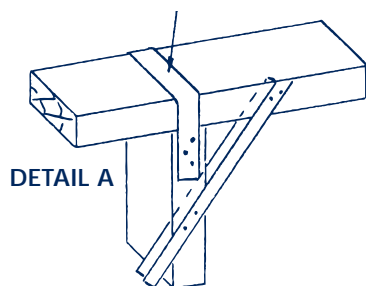
Wallbrace has been tested in accordance with the National Timber Framing Code

AS1684-1992 complies with:

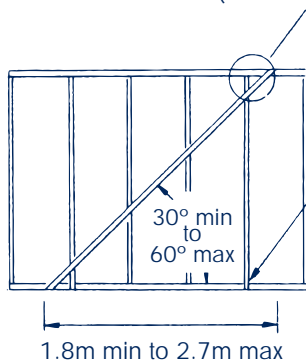
Type A bracing unit: design racking resistance of 2kN.

Type B bracing unit: design racking resistance of 4kN.

Galvanised metal strap 30mm x 0.8mm
looped over plate and fixed to stud with
three galvanised flathead nails
ø2.8mm x 30mm long each end.



Brace and strap connection
(see detail A)



Galvanised metal strap
30mm x 0.8mm as
per Detail A, or single
straps both sides with
three nails each strap
end, or equivalent
proprietary framing
anchors or nail plate
fasteners.

NOTE: Noggins have been omitted for clarity.

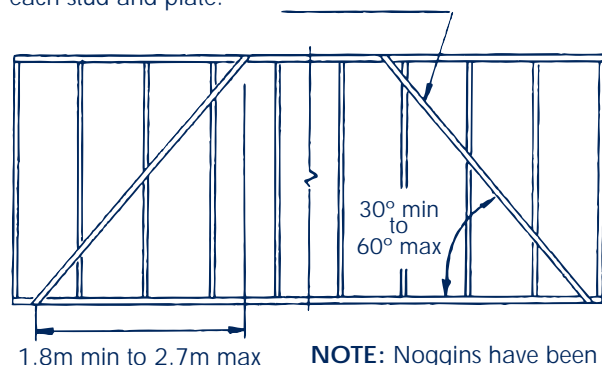
Diagonal metal section bracing.

Corrosion protected metal section brace
fixed with galvanised flathead nails
ø2.8mm x 30mm long.
(one per stud and two per plate edge)

OR

Diagonal timber bracing

Timber brace fixed with one galvanised
flathead nail ø2.8mm x 50mm long to
each stud and plate.

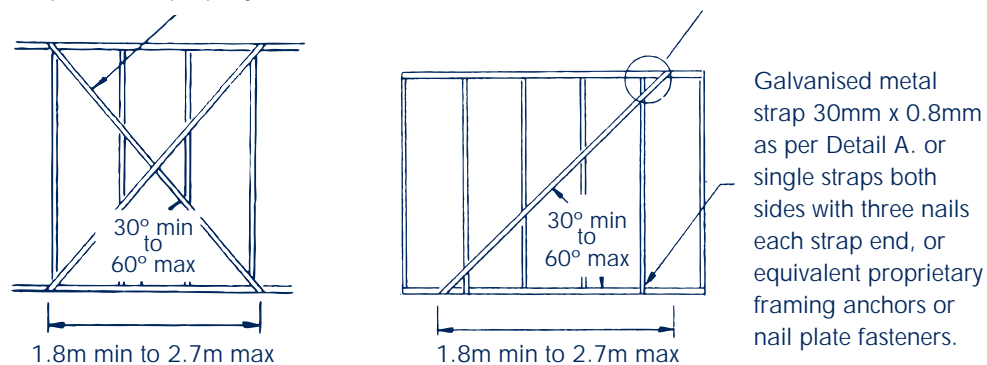


NOTE: Noggins have been omitted for clarity.

Metal tension strap bracing

Corrosion protected flat metal tension strapping, fixed with one galvanised flathead nail $\varnothing 2.8\text{mm} \times 30\text{mm}$ long to each stud & plate edge.

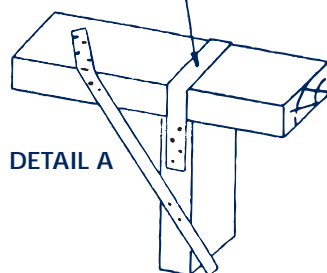
Straps shall be properly tensioned.



NOTE: Noggins have been omitted for clarity.

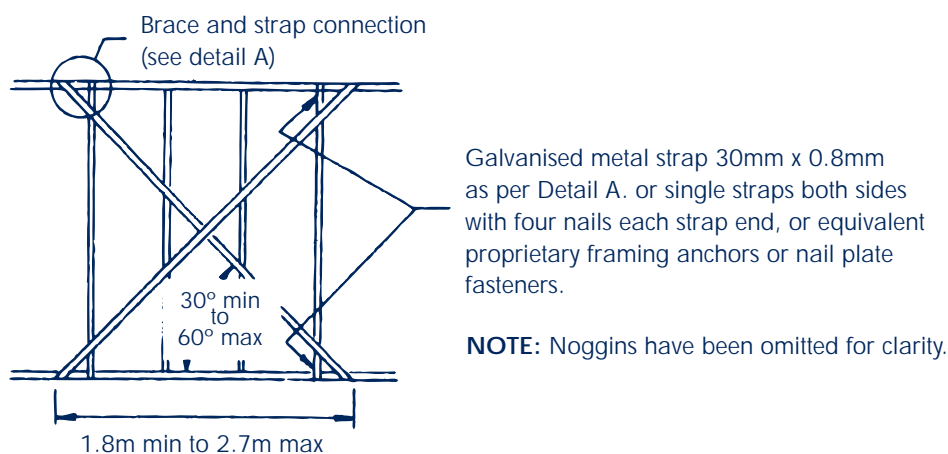
WALLBRACE COMPLIES WITH TYPE A BRACING UNIT- AS1684 – 1992.

Galvanised metal strap 30mm x 0.8mm looped over plate and fixed to stud with four flathead nails $\varnothing 2.8\text{mm} \times 30\text{mm}$ long each end.



Metal tension strap bracing.

Corrosion protected flat metal tension strapping fixed with two galvanised flathead nails $\varnothing 3.15\text{mm} \times 30\text{mm}$ long to each stud, and the face of the top and bottom plate, and four galvanised flathead nails $\varnothing 3.15\text{mm} \times 30\text{mm}$ long to the strap return over the top plate and under the bottom plate.



NOTE: Noggins have been omitted for clarity.

WALLBRACE COMPLIES WITH TYPE B BRACING UNIT – PAIR OF DIAGONAL METAL TENSION STRAPS

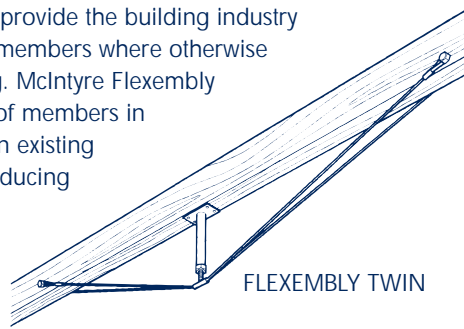
Flexembly

APPLICATIONS:

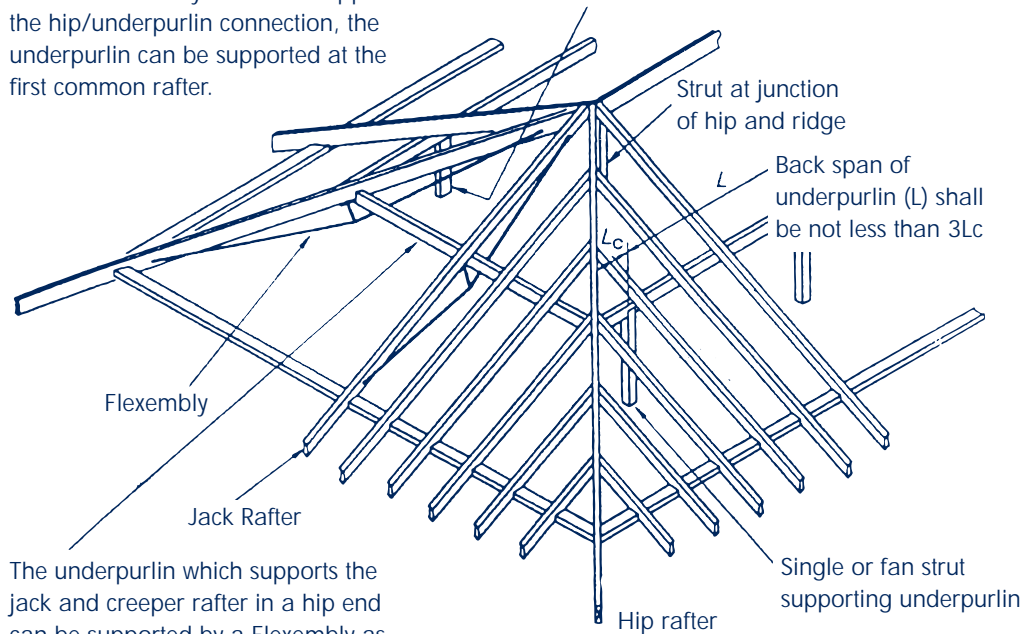
McIntyre Flexembly was the first roof support to provide the building industry with an economical alternative to strutting roof members where otherwise impractical, cost ineffective and time consuming. McIntyre Flexembly provides the needed support and strength to roof members in new roofs, and can be fitted to rectify roof sag in existing roofs to a straight position easily and quickly, reducing expensive repairs.

SPECIFICATIONS:

Refer details



When a Flexembly is used to support the hip/underpurlin connection, the underpurlin can be supported at the first common rafter.



The underpurlin which supports the jack and creeper rafter in a hip end can be supported by a Flexembly as illustrated or a combined strutting hanging beam.

THE ECONOMICAL WAY TO SUPPORT ROOF TIMBERS:

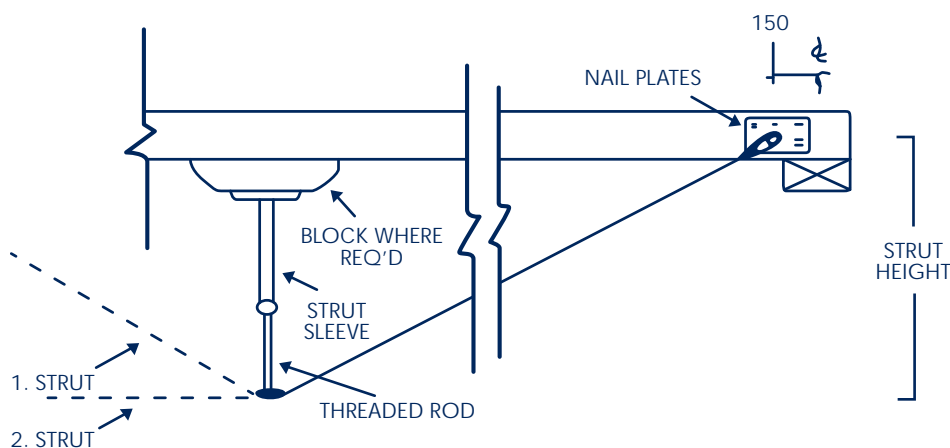
Fixing instructions:

Flexembly comes already assembled in complete sets.

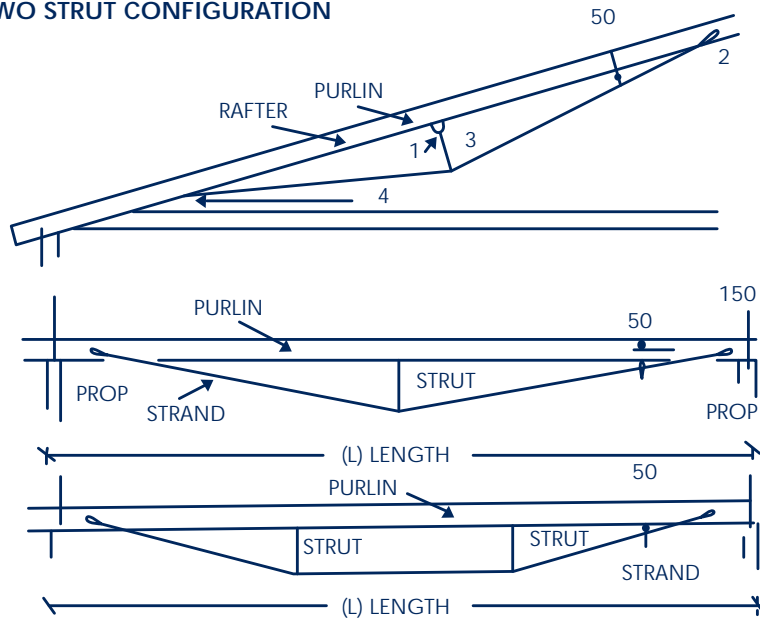
All you have to do is follow these four steps.

1. Nail strut or struts to underside of timbermember. (4 clouts)
2. Position 1st end loop. Mark, drill and bolt
3. Fit threaded rod into the strut
4. Position 2nd end loop. Mark, drill and bolt

ONE STRUT CONFIGURATION



TWO STRUT CONFIGURATION



SPECIFICATIONS:

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
100 x 38	3.65M	0.40M	2/7 x 1.6 Ø	4.6/S	YES
"	3.55M	0.35M	"	"	"
125 x 38	4.50M	0.40M	"	"	"
"	4.40M	0.35M	"	"	"
2/100 x 38	4.90M	0.40M	"	"	"
"	4.60M	0.35M	"	"	"
"	5.80M	0.35M	2/7 x 2.0 Ø	"	"
2/125 x 38	4.95M	0.40M	2/7 x 1.6 Ø	"	"
"	4.60M	0.35M	"	"	"
"	5.75M	0.35M	2/7 x 2.0 Ø	"	"
"	5.95M	0.40M	"	"	"

HIP F8 ONE STRUT

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
178 x 38	5.90M	0.60M	2/7 x 1.6 Ø	4.6/S	YES
200 x 38	6.45M	0.70M	"	"	"
200 x 50	7.10M	0.70M	"	"	"

HIP F5 ONE STRUT (SEASONED OR DRY)

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
178 x 38	5.00M	0.50M	2/7 x 1.6 Ø	4.6/S	YES
200 x 38	5.50M	0.60M	"	"	"
200 x 50	6.10M	0.60M	"	"	"
200 x 50	6.95M	0.60M	2/7 x 2.0 Ø	"	"

HIP F5 ONE STRUT (SEASONED)

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
170 x 35	4.90M	0.60M	2/7 x 1.6 Ø	4.6/S	YES
190 x 35	5.40M	0.60M	"	"	"
190 x 45	5.90M	0.60M	"	"	"
190 x 70	6.80M	0.60M	"	"	"

HIP F7 ONE STRUT (SEASONED)

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
170 x 35	5.35M	0.50M	2/7 x 1.6 Ø	4.6/S	YES
190 x 35	5.85M	0.60M	"	"	"
190 x 45	6.35M	0.60M	"	"	"
190 x 70	7.05M	0.60M	"	"	"
190 x 70	7.10M	0.60M	"	"	"

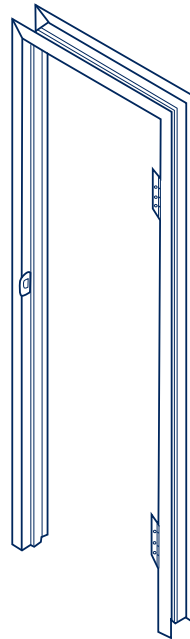
HIP F5 TWO STRUTS (SEASONED)

SIZE	LENGTH	STRUT HEIGHT	CABLE TYPE	M16 BOLT TYPE	NAIL PLATE SUPPLIED
200 x 38	7.05M	0.60M	2/7 x 1.6 Ø	4.6/S	YES
200 x 50	7.85M	0.60M	2/7 x 2.0 Ø	"	"
200 x 75	9.00M	0.60M	"	"	"

Metal Door Frames

APPLICATIONS:

McIntyre Metal Door Frames are a roll formed Zincaneal Frame with multiple uses. McIntyre MDFs provide a secure fix for timber and metal doors where strength and durability is important. They are predominantly used in masonry construction (i.e. garages) and are held in place firmly with metal clips mortared into the brickwork. MDFs can also be used directly into timber framing, held in place with Stud Fix Brackets. They are economical and eliminate the need to fix external mouldings, hinges and striker plates.



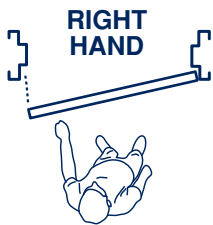
SPECIFICATIONS:

SIZE: As per details

STEEL: 1.2mm G2-Z100 Zincaneal to AS1397

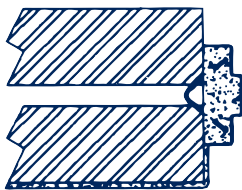
PRODUCT CODE: As per details

METAL DOOR FRAME: STP 1

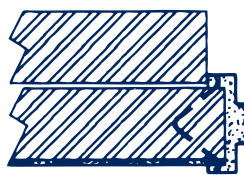


*OPEN DOOR TOWARDS YOU

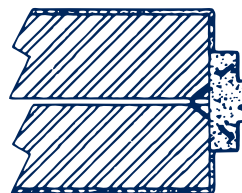
APPLICATIONS:



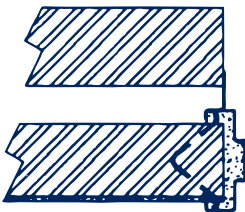
CAVITY WALL



DOUBLE SKIN



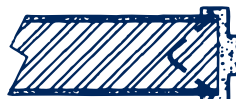
DOUBLE SKIN



CAVITY WITH
WEATHER MOLD



STUD FRAME



SINGLE SKIN



CLOSED CAVITY