

METAL DOOR FRAMES & METER BOXES

**METROLL
WA
ONLY**



APRIL 2025

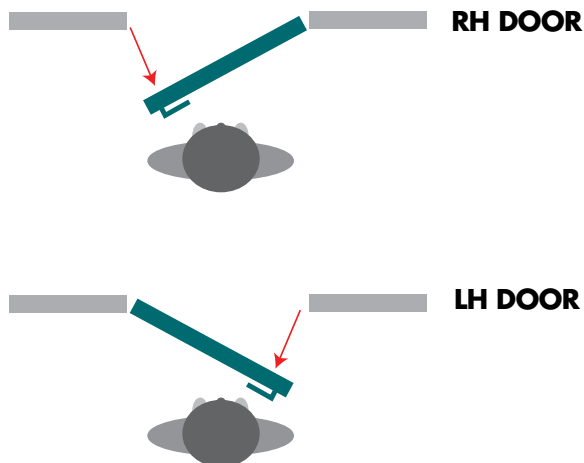
METROLL DOOR FRAMES

Metroll manufactures a comprehensive range of door frames from top quality materials designed to suit various applications. This brochure contains details and specifications for the following:

- **NEW** Metro
- **NEW** Metro Robe
- **NEW** Flush Finish
- Square Bend
- Dry Wall
- Shadow Line
- Split
- 10 Bend Knockdown
- Cavity Sliding Door Frame
- Architectural

DOOR FRAME BASICS

DETERMINING LEFT OR RIGHT HAND DOORS



HINGE TYPES

FIXED PIN

For outward opening garage doors.

BROAD BUTT 100 x 100mm

For Deluxe Doors requiring opening to 180 degrees.

NOTE: The door handle may prevent a full 180 degree.

LIFT OFF (WC)

Lift off hinges are fitted to all WC Frames.

STRIKER PLATE HEIGHT

Standard height to centre from floor level
1000mm on all frames. Variations available.

METROLL TOLERANCES

± 2.0mm

INSTALLATION GUIDELINES

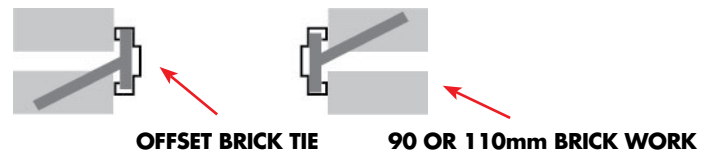
- All frames to be installed with temporary bottom spreader bar in place, or a fixed bottom rail where required.
- Frames to be checked for plumb when installing.
- Ensure all frames are in good condition and correct handing before installing.
- Ensure Hinge Leafs are kept together.
- Ensure frames are correct and to specification prior to installing.
- Contact Metroll for assistance prior to installation if any issues are encountered.

INSTALLATION IN CAVITY WALLS USING OFFSET BRICK TIES

Standard frames (95mm back opening) may be installed in double brick cavity walls. The frame must be positioned in the middle of the wall covering the cavity.



SECTION THROUGH CAVITY



RESIDENTIAL DOOR FRAMES

FEATURES

1 PRECISION MITRES

Absolute precision is our trademark. Each corner has been pre-cut with a 45° mitre giving a snug, accurate fit.

2 UNOBTUSIVE HINGES

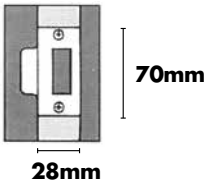
Slimline, 100 x 75 loose-pin zinc coated hinges are welded to all Metroll Frames allowing for quick and easy door installation.

3 BUILT-IN ARCHITRAVES

Available in several styles enhancing overall appearance and ensuring a precise fit.

4 LOCK 1000mm HIGH FROM FLOOR LEVEL

Stainless steel screw-on striker plate with a leading edge that complements the clean lines of Metroll frames.

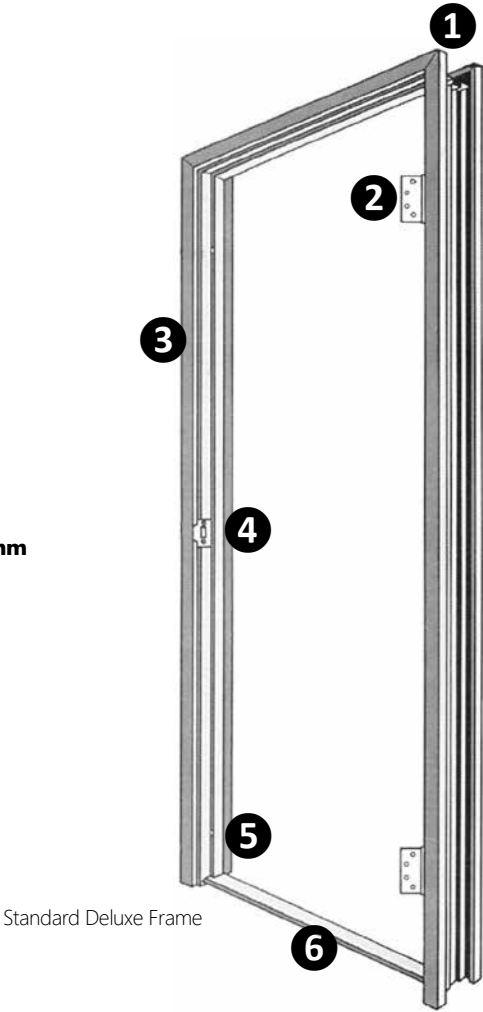


5 SHOCK ABSORBING RUBBER BUFFERS

Rubber buffers are incorporated into all Metroll Door Frames reducing noise and vibration.

6 TEMPORARY BOTTOM RAIL

Metroll Residential Door Frames are supplied with temporary bottom rails to ensure stability during transportation and installation. Designed for easy removal.



Standard Deluxe Frame

BRICK TIES SUPPLIED

To ensure a tight, permanent fit, each frame is supplied with easy to install 4mm brick wire ties.

TWO BACK OPENINGS

Supplied in 95mm or 114mm back openings to suit standard bricks.

CUSTOM HEIGHTS/WIDTHS

Available with additional lead time.

FULL HEIGHT FRAMES

Frames to suit 2300 and 2340 high doors available on request.

WC FRAMES

WC Frames are supplied with lift-off hinges and 25mm false head.

MULTI-DOOR COMBOS

2, 3, 4, 5 and 6 door combos available.

ORDERING CHECKLIST ☒

- Always nominate left hand or right hand opening.
- Specify the door size.
- Specify the back opening, 95mm or 114mm.
- Specify fixed bottom rail, shelf rail or deadlocks.
- Profile dimensions cannot be altered.
- Maximum door thickness is 38mm.

AVAILABLE ACCESSORIES:

Pull Through Rubber Buffers (White)
Extra 100 x 75 x 1.6mm Hinge Fitted
Corrugated, Offset Brick Ties
Striker Kits
Stud Framing Clips
Stud Frame Brackets Steel Framing
Stainless Steel Hinges
Screw Fix Hinge Preparation
Fixed Pin Hinge 100 x 75 x 1.6mm
Broad Butt Hinge 100 x 100mm
Shelf Rail
Mullion
Sill/Bottom Rail
Dead Lock Striker Cut Out

RESIDENTIAL DOOR FRAMES

METROLL RESIDENTIAL RANGE

All Metroll residential frames have a lead time excluding Metro Frames which are stocked.

- **NEW** Metro
 - **NEW** Metro Robe
- **NEW** Flush Finish
 - Square Bend
- Dry Wall
 - Shadow Line
- Split
 - 10 Bend Knockdown

RESIDENTIAL RANGE SPECIFICATIONS

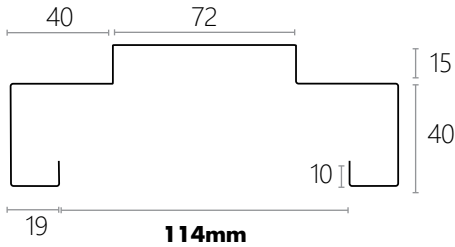
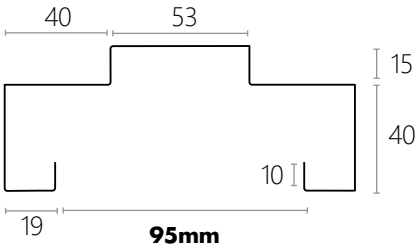
SINGLE	DOUBLE	WC	SINGLE SLIDER	DOUBLE SLIDER
2040 x 410	2040 x 2 x 410	2040 x 620	2040 x 620 (DS 670)	2040 x (2 x 545 [DS570])
2040 x 520	2040 x 2 x 520			2040 x (2 x 645 [DS 670])
2040 x 620	2040 x 2 x 620			2040 x (2 x 745 [DS 770])
2040 x 720	2040 x 2 x 720	2040 x 720	2040 x 720 (DS 770)	2040 x (2 x 795 [DS 820])
2040 x 770	2040 x 2 x 770	2040 x 770	2040 x 770 (DS 820)	2040 x (2 x 845 [DS 870])
2040 x 820	2040 x 2 x 820	2040 x 820	2040 x 820 (DS 870)	2040 x (2 x 895 [DS 920])
2040 x 870	2040 x 2 x 870	2040 x 870	2040 x 870 (DS 920)	2040 x (2 x 945 [DS 970])
2040 x 920	2040 x 2 x 920	2040 x 920	2040 x 920 (DS 970)	2040 x (2 x 995 [DS 1020])

SQUARE BEND DOOR FRAME

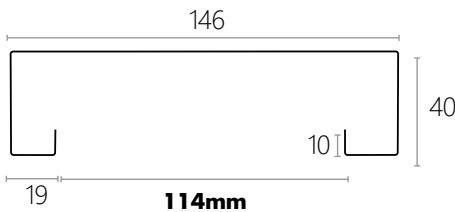
- Modern Styling
- Clean Lines



STANDARD PROFILES



SLIDER PROFILES



NEW

METRO

DOOR FRAME

- Contemporary Styling
- Sharp, Square Edges



SPECIFICATIONS

STOCKED 95mm BACK OPENING

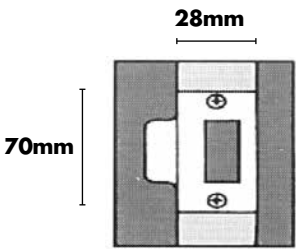
All other sizes available with lead time

SINGLE 2 HINGE	SINGLE 3 HINGE	SINGLE 3 HINGE & DEADLOCK	DOUBLE 2 HINGE*	WC 2 HINGE	SINGLE SLIDER	DOUBLE SLIDER
2040 x 410	2040 x 820	2040 x 820	2040 x (2 x 410)	2040 x 620	2040 x 620 (DS 670)	2040 x (2 x 545 [DS 570])
2040 x 520	2040 x 920		2040 x (2 x 520)	2040 x 720	2040 x 720 (DS 770)	2040 x (2 x 645 [DS 670])
2040 x 620			2040 x (2 x 620)	2040 x 820	2040 x 770 (DS 820)	2040 x (2 x 745 [DS 770])
2040 x 720			2040 x (2 x 720)	2040 x 920	2040 x 820 (DS 870)	2040 x (2 x 845 [DS 870])
2040 x 820			2040 x (2 x 820)		2040 x 920 (DS 970)	
2040 x 870			*2 hinges each side			

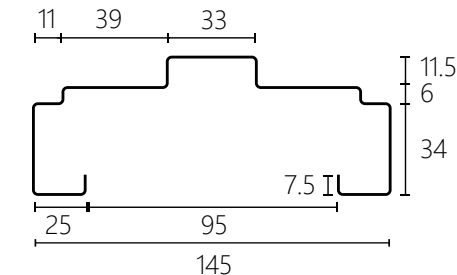
STOCKED 114mm BACK OPENING

All other sizes available with lead time.

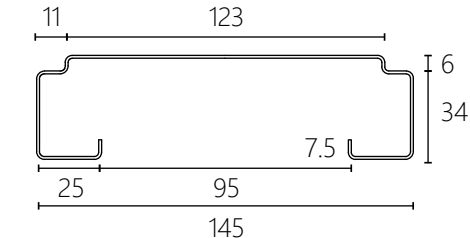
SINGLE 2 HINGE	SINGLE 3 HINGE	SINGLE 3 HINGE & DEADLOCK	DOUBLE 2 HINGE*	WC 2 HINGE
2040 x 520	2040 x 820	2040 x 820	2040 x (2 x 520)	2040 x 620
2040 x 620	2040 x 870		2040 x (2 x 620)	2040 x 720
2040 x 720	2040 x 920		2040 x (2 x 720)	2040 x 820
2040 x 820			2040 x (2 x 820)	
2040 x 870				



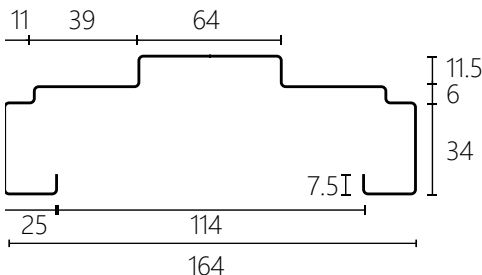
METRO STRIKER PLATE



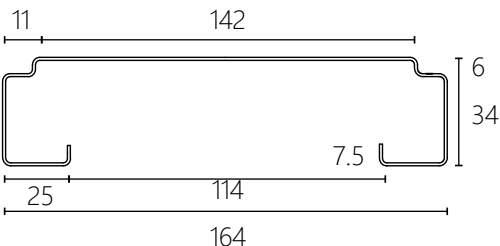
95mm BACK OPENING



SLIDER 95mm BACK OPENING



114mm BACK OPENING



SLIDER 114mm BACK OPENING

NEW

METRO ROBE DOOR FRAME

- Available in 2, 3, 4, 5 and 6 door combinations.
- A shelf rail is an optional extra. It is welded into position approx. 1700mm from floor level.
- Special sizes are available on request.
- Frames are ordered by door size and Metroll supply a frame 3mm wider for each door leaf.
- With 3 or 5 door frames please nominate which side the single door is on.
- The single door is always hung on the stile unless otherwise requested.



3 x 720 RH COMBINATION



3 x 720 LH COMBINATION



NEW

FLUSH FINISH DOOR FRAME

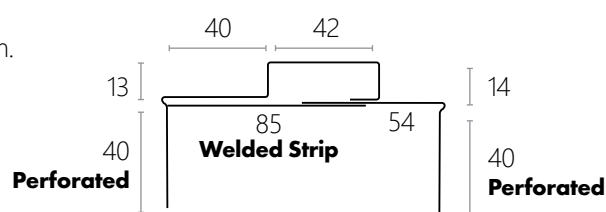
- Contemporary Styling
- Hidden Frame



Frame edge pre-finish



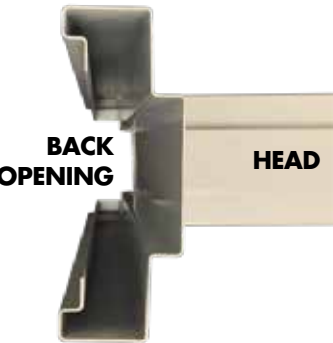
- Available in a range of sizes to suit wall thickness between 88mm - 220mm.
- 5mm holes on architrave for flush finish fixing.
- Plaster over architrave to achieve the frame-less door finish.



DRY WALL DOOR FRAME

- Quick & Easy Installation
- Modern Aesthetic

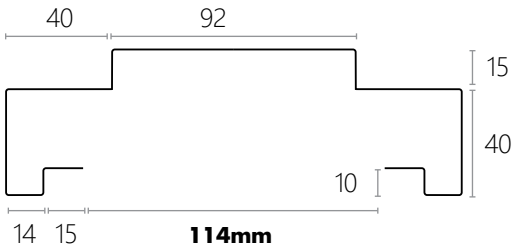
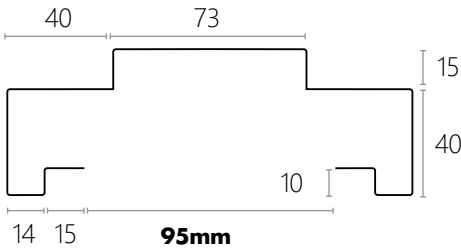
Capture the look of the Metroll Square Door Frame with added functionality for installation with Dry Wall.



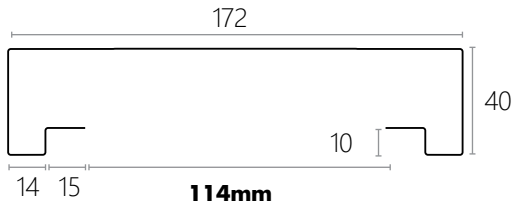
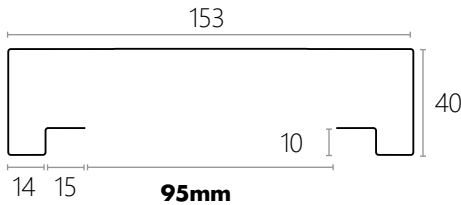
Sectional view from base up to head



STANDARD PROFILES



SLIDER PROFILES

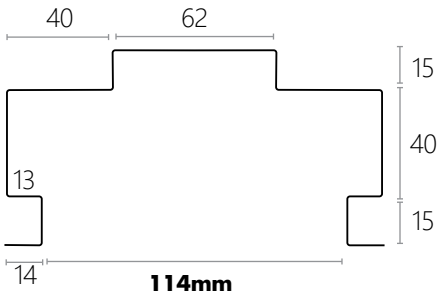
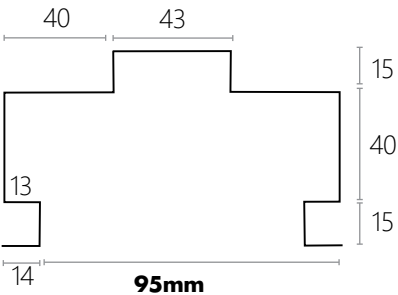


SHADOW LINE DOOR FRAME

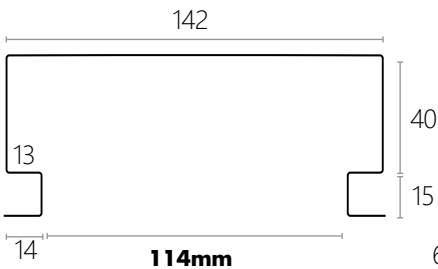
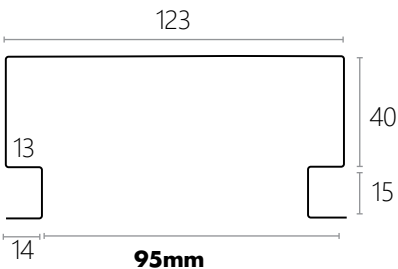
- Modern Styling
- Recessed detail for a distinctive look



STANDARD PROFILES



SLIDER PROFILES



SPLIT DOOR FRAME

- Quick & Easy Installation
- Ideal for various wall thicknesses

A Split profile is made in two halves and fitted from each side of the opening. It is of welded construction with counter-sunk holes for fixing and removable spreader bars to each half of the frame.

Suitable for stud work applications or retrofitted into brick/block or concrete work. Metroll Split Door Frames can be made with a wider architrave to enable the fixings to be positioned further away from the brickwork edge.

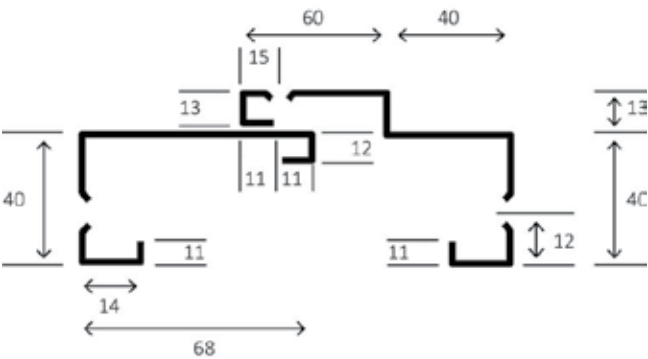
- All dimensions can be altered to suit applications.
- Split Door Frames are compatible with most hardware types.
- Custom sizes available with additional lead time.

FEATURES

- Shock absorbing rubber buffers
- Built in architrave
- Precision mitres
- Unobtrusive hinges
- Stainless steel striker plate
- Frames to suit brick or stud walls
- Suitable for thicknesses 85 - 120mm

SPECIFICATIONS

DOOR SIZE	STUD WALL OPENING SIZE	STUD OPENING SIZE
2040 x 920	2080 x 855	Door Height: Add 40mm
2040 x 820	2080 x 855	
2040 x 720	2080 x 755	
2040 x 620	2080 x 655	
2040 x 2 x 620	2080 x 1275	Door Width: Add 35mm
2040 x 2 x 820	2080 x 1675	



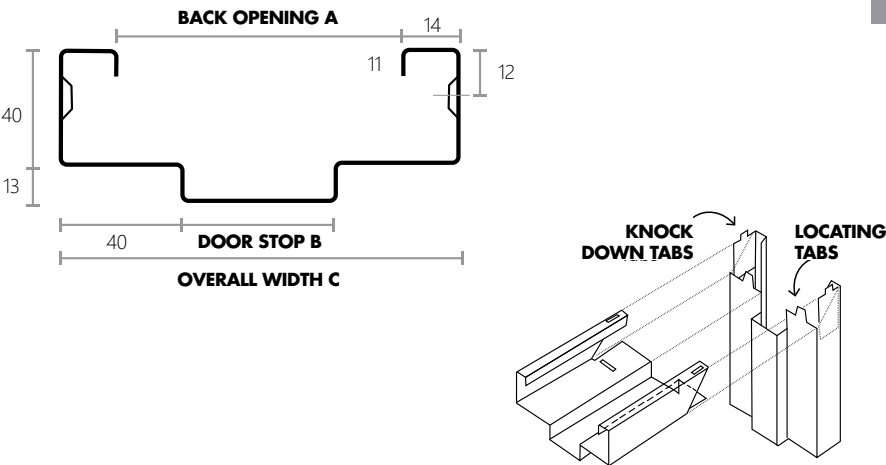
RECOMMENDED FIXING

1. Insert both frame halves into finished stud wall opening.
2. Clamp both halves securely against wall, clamping over extreme edges of architrave face.
3. Drill inner frame through countersunk holes in door stop using a 3mm (1/8") drill.
4. Fix both halves together using 8g x 25 counter-sunk head self-tapping screws through prepared holes in door stop, then remove clamps.
5. Ensure that the door is plumb and parallel.
6. Fix frame to stud wall through prepared holes in architrave face using appropriate countersunk head screws.
7. Fill over all screws using auto body-filler or similar and sand down to a smooth, flat finish.
8. Remove bottom spreader bars.

10 BEND KNOCKDOWN DOOR FRAME

- 3 Piece, Un-assembled, Flat Packed
- Ideal for transportation
- Easy Assembly

Metroll can manufacture any back opening with additional lead time.
WC Frames & Sliders available on request. Welded frames on request.



STANDARD FRAME DIMENSIONS

BACK OPENING A	DOOR STOP B	OVERALL WIDTH C
95 ± 2mm	43mm	123mm
102 ± 2mm	50mm	130mm
112 ± 2mm	60mm	140mm

TYPICAL BACK OPENING WITH 75mm STUD

STANDARD CLADDING TO 75mm STUD	BACK OPENING
10mm Gyprock + 10mm Gyprock	95mm
13mm Gyprock + 13mm Gyprock	102mm

RECOMMENDED FIXING

1. Ensure walls are plumb before fixing to eliminate post fixing issues.
2. Position head of the frame into stud opening.
3. Place stiles of frame diagonally under door head.
4. Align Locating Tabs with slots in head.
5. Move stiles into vertical position while locating knock down lugs into corresponding slots.
6. Pull head down firmly onto stiles and check that mitred corners are neat.
7. Bend over the knock down lugs by tapping lightly with a hammer.
8. Check frame for square, correct height and width.
9. Screw frame to stud work through counter-sunk holes using 8 gauge screws.
10. Fill screw holes with body filler and sand back for painting.



STUD OPENING FOR UNASSEMBLED FRAMES

DOOR HEIGHT	STUD OPENING HEIGHT
2040	2080
2300	2340
2340	2380

NO. OF DOORS	DOOR WIDTH	STUD OPENING WIDTH
Single	620	655
	720	755
	820	855
	870	905
Double	1040	1075
	1240	1275
	1440	1475
	1640	1675
3	3 x 520	1644
	3 x 620	1944
	3 x 720	2244
	3 x 820	2544
4	4 x 520	2164
	4 x 620	2564
	4 x 720	2964
	4 x 820	4227
5	5 x 520	2727
	5 x 620	3227
	5 x 720	3727
	5 x 820	4227
6	6 x 520	3334
	6 x 620	3834
	6 x 720	4434
	6 x 820	5034

CAVITY SLIDING DOOR FRAMES

Cavity Sliding Doors from Metroll are the ultimate space saver. The frame allows for the door to slide into the wall frame creating clear space around the opening.

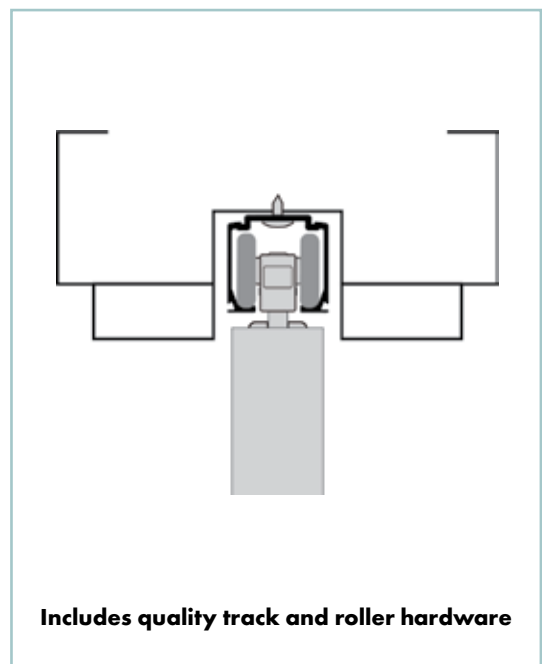
Stronger and sturdier than timber framed doors, Metroll Cavity Sliding Door Frames incorporate quality engineering with heavier gauge steel and superior reinforcing, this makes them more robust than other cavity door options.

Metroll Cavity Sliding Door Frames are the perfect combination of style and engineering.

- Made locally
- Space saving
- Quick and easy to install
- Suitable for 90mm stud wall
- Made from Zincanneal® 1.2 & 1.6 BMT
- Soft open/close option available
- Accommodates doors*:
 - Up to 60kg
 - 620 to 920mm wide
 - 2040 to 2400mm high



Supplied with removable temporary bottom rail



Includes quality track and roller hardware

METROLL METER BOXES

Gas, Electric & Combination



Metroll Meter Boxes are engineered for quality, built tough and are excellent value. Manufactured from 1.00mm BMT galvanised steel. Available in combination or single sizes and with optional view panel and lock.

ATCO & WESTERN POWER COMPLIANT

Metroll Meter Boxes comply with:

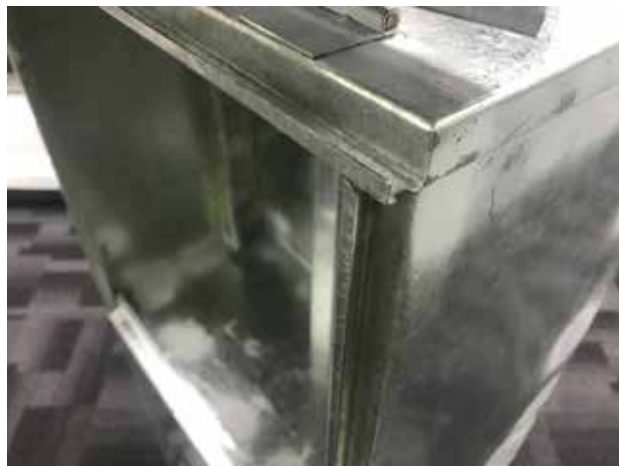
IP24

ATCO GAS

ATCO Gas Australia Meter Boxes for AL8-18 Gas Meters.
Document Code: ENS TS001, Revision 7, 30.01.2014

WESTERN POWER

Horizon Power, Western Australia Distribution Connectors Manual.
Fifth Edition 2015.



Engineered edges prevents water and objects entering.



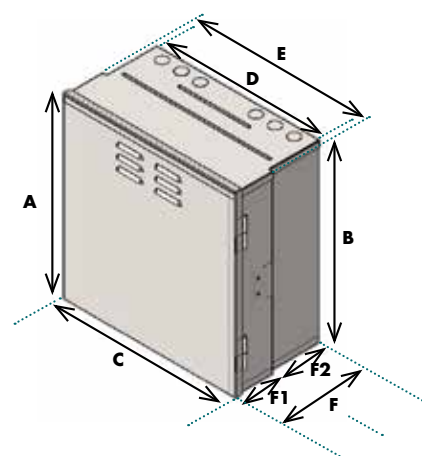
**COMBINATION
METER BOX**



**DOMESTIC ELECTRIC
METER BOX**



**DOMESTIC GAS
METER BOX**



SPECIFICATIONS

METER BOX		mm							
		A	B	C	D	E	F	F1	F2
Gas	Plain	514	505	497	-	492	258	-	-
	Recessed	514	505	497	470	492	258	112	146
Electric	Plain	509	505	497	-	492	272	-	-
	Recessed	509	505	497	470	492	273	127	146
Combination	Plain	1029	1023	497	-	492	272	-	-
	Recessed	1029	1023	497	470	492	272	126	146

All models available with optional view panel and lock.
View panel fitted to the left hand side of meter box lid.

ARCHITECTURAL DOOR FRAMES

Custom Built To Your Specifications

Architectural Door Frames are custom built to your specifications to suit various types of wall construction, door sizes and hardware requirements. There are no limitations with hardware types.

FEATURES

- Shock absorbing rubber buffers
- Built-in architraves
- Precision mitres
- Temporary bottom rail
- Choice of back opening
- Frames to suit brick or stud walls

SPECIFICATIONS

Built to your specifications.
Available in:

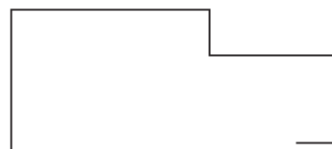
ZINC	1.2 and 1.6mm
GALVANISED	1.2, 1.6, 2.0, 2.4 and 3.0mm

AVAILABLE ACCESSORIES

Back plates to suit screw-on hinges
Back plates to suit special strikers
Fitted closer plate
Stud brackets welded to frame
Dyna bolt fixing provision
Counter sunk holes
Transoms & Mullions
Floor plates
Mortar guards
Corrugated ties
Electric striker preparation includes mortar box

TYPICAL ARCHITECTURAL PROFILES

All dimensions can be altered to suit.



SINGLE REBATE



**SINGLE REBATE
MULLION/TRANSOM**

METROLL PERTH

METROLL BUNBURY

METROLL ALBANY

METROLL KALGOORLIE

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Metroll®

BETTER SERVICE • BETTER BUILDING SOLUTIONS

metroll.com.au

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