



**Metroll®**

BETTER SERVICE • BETTER BUILDING SOLUTIONS

# METAL DOOR FRAMES

**METROLL  
WA  
ONLY**



**FEBRUARY 2024**

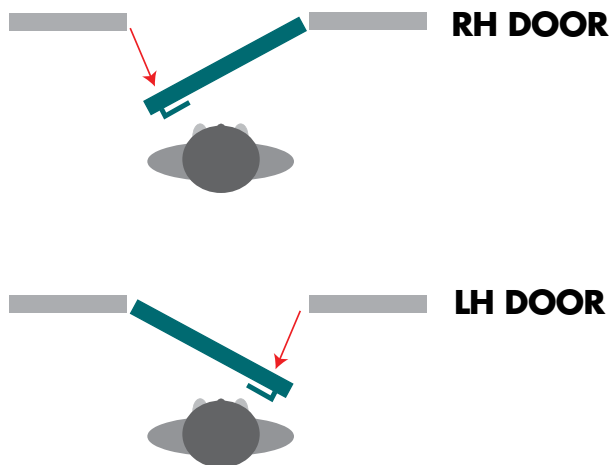
# METROLL DOOR FRAMES

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 door frames:

- Standard Deluxe
- Deluxe Robe
- Square Bend
- Metro
- Shadow Line
- Dry Wall
- Flush Finish
- Split
- 10 Bend Knockdown
- Cavity Sliding Door Frames
- Architectural

## DOOR FRAME BASICS

### DETERMINING LEFT OR RIGHT HAND DOORS



### HINGE TYPES

#### FIXED PIN

For outward opening garage doors.

#### BROAD BUTT 100x100mm

For Deluxe Doors requiring opening to 180 degrees.

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

#### 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

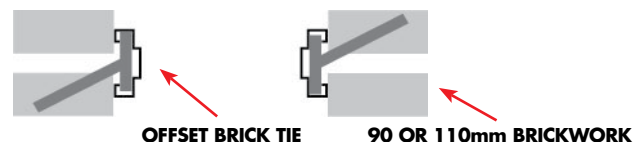
### INSTALLATION GUIDELINES

- 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

### ❶ PRECISION MITRES

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

### ❷ UNOBTUSIVE HINGES

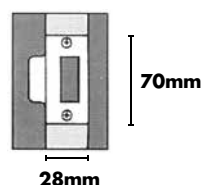
Slimline, 100 x 75 loose-pin zinc coated hinges are welded to all Metroll Frames allowing for quick and easy door installation.

### ❸ BUILT-IN ARCHITRAVES

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

### ❹ LOCK 1000mm HIGH FROM FLOOR LEVEL

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

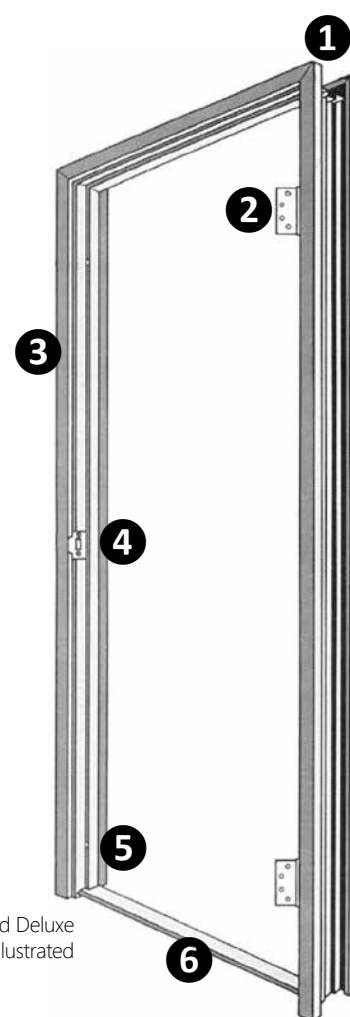


### ❺ SHOCK ABSORBING RUBBER BUFFERS

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

### ❻ TEMPORARY BOTTOM RAIL

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



**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 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, Off Set 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 Standard Deluxe Frames which are stocked.
- Standard Deluxe
  - Deluxe Robe
  - Square Bend
- Metro
  - Shadow Line
  - Dry Wall
- Flush Finish
  - Split
  - 10 Bend Knockdown

## RESIDENTIAL RANGE SPECIFICATIONS

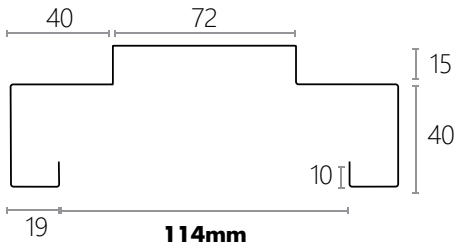
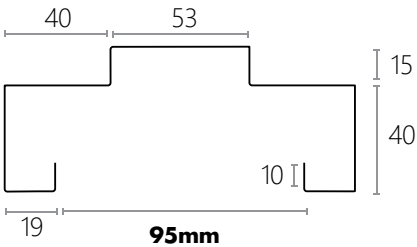
SINGLE	DOUBLE	WC	SINGLE SLIDER	DOUBLE SLIDER
2040 x 410	2040 x 2 x 410	2040 x 620	2040 x 620 (DS 670)	2040 x (2 x 545 [DS 570])
2040 x 520	2040 x 2 x 520			2040 x (2 x 645 [DS 670])
2040 x 620	2040 x 2 x 620			2040 x (2 x 745 [DS 770])
2040 x 720	2040 x 2 x 720	2040 x 720	2040 x 720 (DS 770)	2040 x (2 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

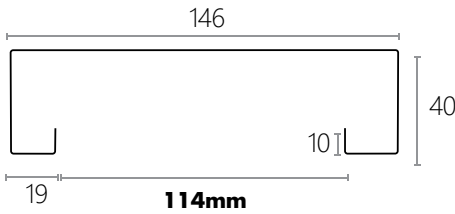
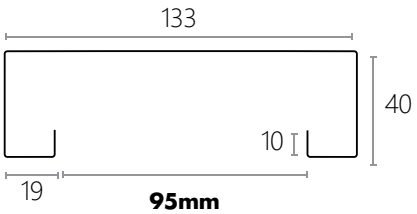
- Modern styling
- Clean lines



## STANDARD PROFILES

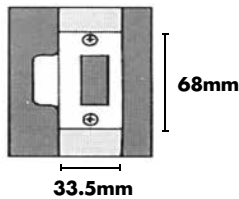


## SLIDER PROFILES



# STANDARD DELUXE DOOR FRAME

The Standard Deluxe Door Frame uses the Metroll Striker



## 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			

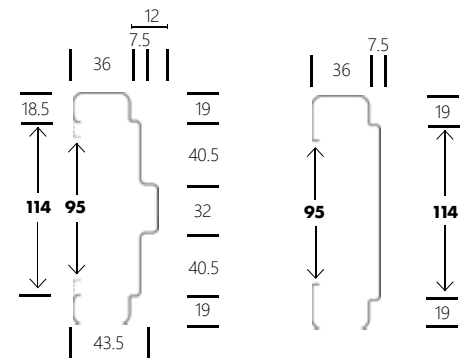
\*2 hinges each side

### STOCKED 114mm BACK OPENING

All other sizes available with lead time. Slider available in 95mm only.

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			*2 hinges each side	

\*2 hinges each side



**STANDARD**  
95 & 114mm

**SLIDER**  
95mm only

# ROBE DOOR FRAME

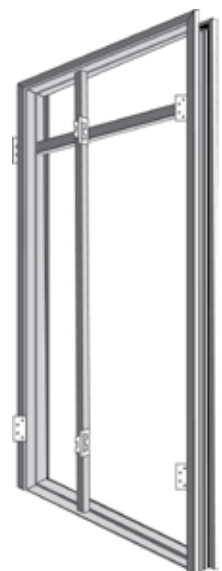
- Available in 2, 3, 4, 5 and 6 door combinations.
- A shelf rail is an optional extra. It is welded into position approx, 1700mm from floor level.
- Special sizes are available on request.
- Frames are ordered by door size and Metroll supply a frame 3mm wider for each door leaf.
- With 3 or 5 door frames 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**



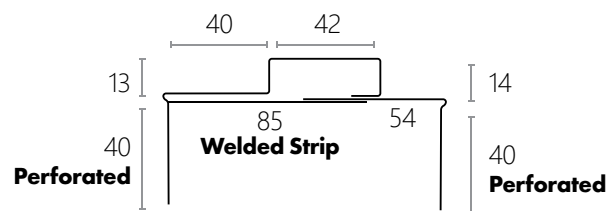
NEW

## FLUSH FINISH DOOR FRAME

- Contemporary look
- Hidden frame



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



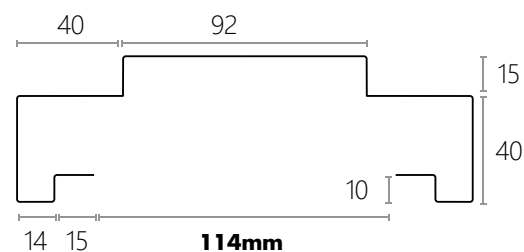
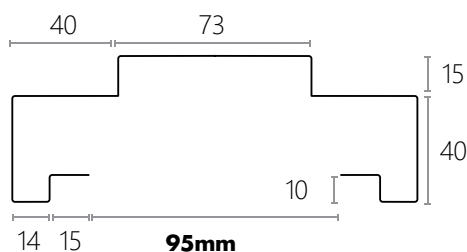
## DRY WALL DOOR FRAME

- Quick & easy installation
- Modern aesthetic

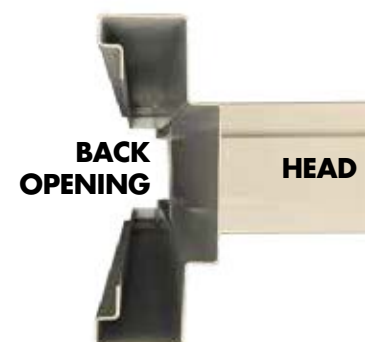
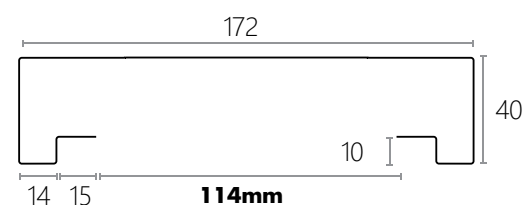
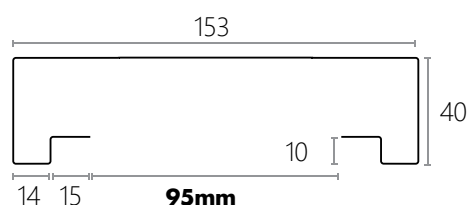
Capture the look of the Metroll Square Door Frame with added functionality for installation with Dry Wall.



### STANDARD PROFILES



### SLIDER PROFILES

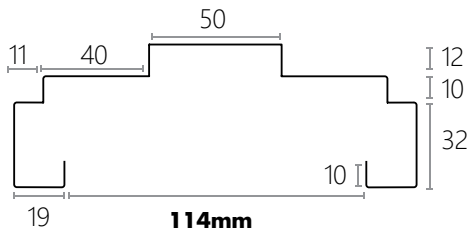
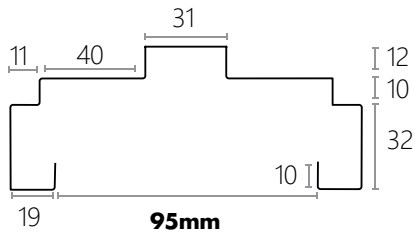


Sectional view from base up to head

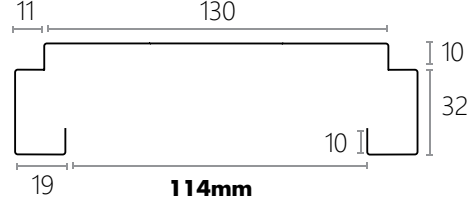
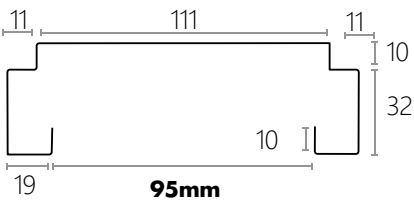
# METRO DOOR FRAME



## STANDARD PROFILES



## SLIDER PROFILES

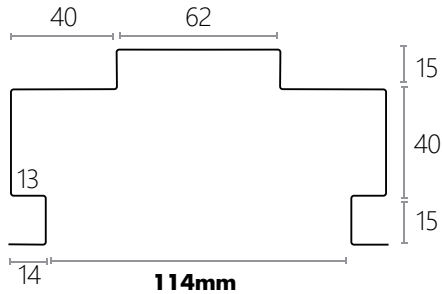
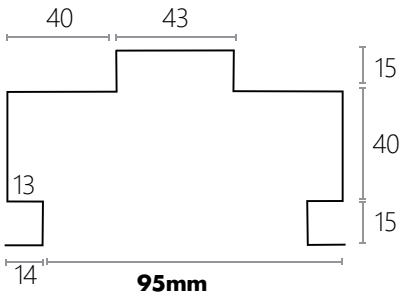


# SHADOW LINE DOOR FRAME

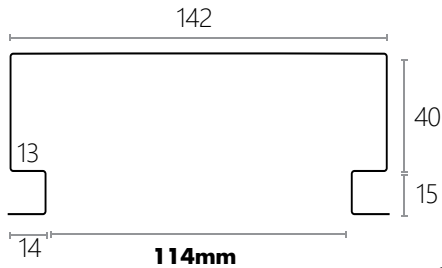
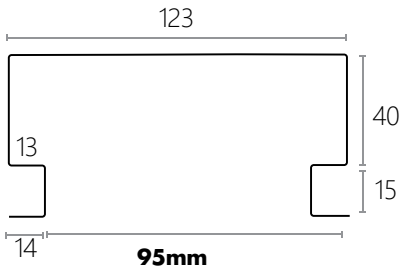
- Modern styling
- Recessed detail for a distinctive look



## STANDARD PROFILES



## SLIDER PROFILES



# SPLIT DOOR FRAME

- Quick and easy to install
- 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.

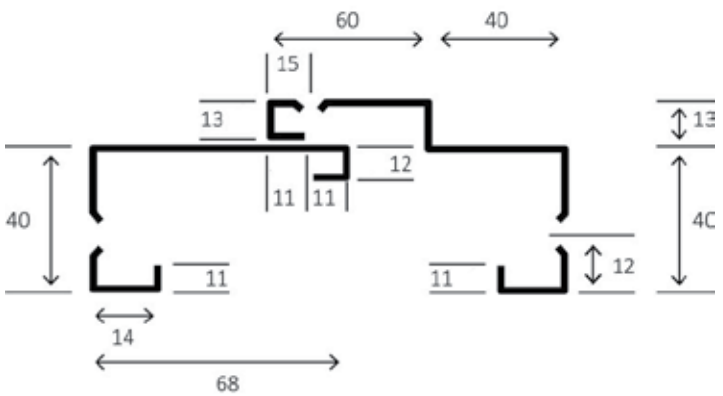
- All dimensions can be altered to suit applications.
- Split Door Frames are compatible with most hardware types.
- Custom sizes available with additional lead time.

## 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.

## SPECIFICATIONS

DOOR SIZE	STUD WALL OPENING SIZE	STUD OPENING SIZE
2040 x 920	2080 x 955	Door Height: Add 40mm Door Width: Add 35mm
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	
2040 x 2 x 820	2080 x 1675	



## FEATURES

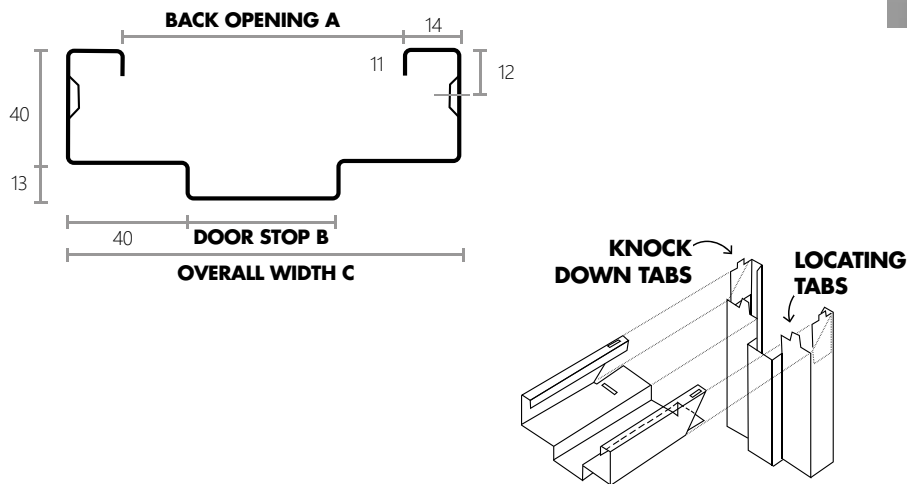
- Shock absorbing rubber buffers
- Built in architrave
- Precision mitres
- Unobtrusive hinges
- Stainless steel striker plate
- Frames to suit brick or stud walls
- Suitable for thicknesses 85 - 120mm



# 10 BEND KNOCKDOWN DOOR FRAME

- 3 piece, unassembled, 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 Door Frames 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, which makes them more robust than other cavity door options.

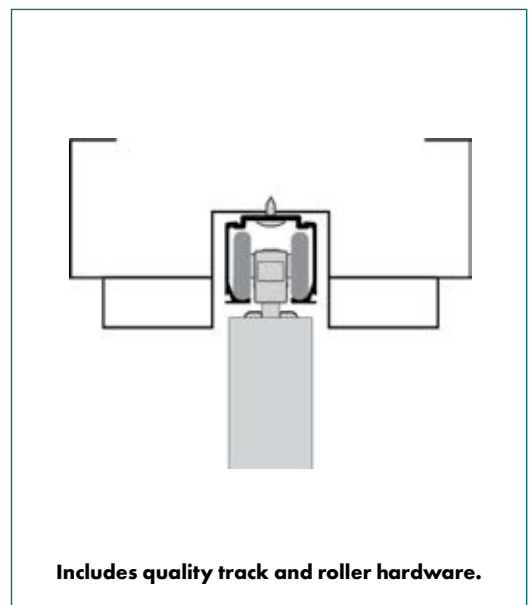
Metroll Cavity Sliding Door Frames are the perfect combination of style and engineering.

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

\* Door not included



**Supplied with removeable temporary bottom rail.**



**Includes quality track and roller hardware.**

# METROLL METER BOXES

## Gas, Electric & Combination

TESTED &  
COMPLIANT

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, 30.01.2017.

#### WESTERN POWER

Horizon Power, Western Australian Distribution Connections Manual. Fifth Edition 2015.



Engineered edges prevent water and objects entering



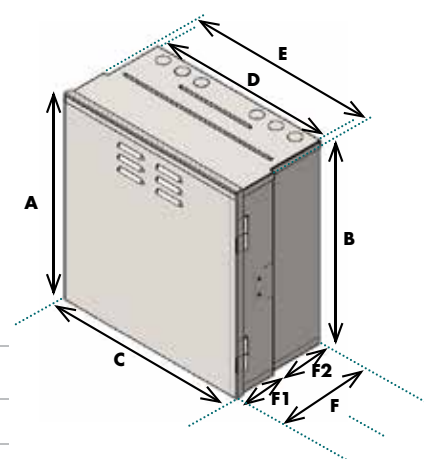
COMBINATION  
METER BOX



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	-	-
Gas - Recessed	514	505	497	470	492	258	112	146
Electric - Plain	509	505	497	-	492	272	-	-
Electric - Recessed	509	505	497	470	492	273	127	146
Combination - Plain	1029	1023	497	-	492	272	-	-
Combination - 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:

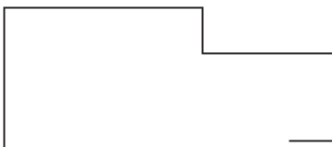
<b>ZINC</b>	1.2 and 1.6mm
<b>GALVANISED</b>	1.2, 1.6, 2.0, 2.4 and 3.0mm

### AVAILABLE ACCESSORIES:

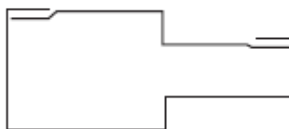
Back plates to suit screw-on hinges
Back plates to suit special strikers
Fitted closer plate
Stud brackets welded to frame
Dyna bolt fixing provision
Counter sunk holes
Transoms & Mullions
Floor plates
Mortar guards
Corrugated ties
Electric striker preparation inc. mortar box

### TYPICAL ARCHITECTURAL PROFILES

All dimensions can be altered to suit.



**SINGLE REBATE**



**SINGLE REBATE  
MULLION/TRANSOM**



**METROLL PERTH**  
5 Chilver Street  
Kewdale, WA 6105  
P: 08 9365 5444

**METROLL BUNBURY**  
11 Proffit Street  
Bunbury, WA 6230  
P: 08 9796 9796

**METROLL KALGOORLIE**  
45 Gt. Eastern Highway  
West Kalgoorlie, WA 6430  
P: 08 9024 1388

**METROLL ALBANY**  
179 Chester Pass Road  
Albany, WA 6330  
P: 08 9841 6966

**metroll.com.au**

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