Your timber shopping & cut list

Media wall framing | 2400 x 2400 x 300 mm (W x H x D) | 55 in TV

YOUR FIXED SIZE / W x H x D

2400 x 2400 x 300

Millimetres / inspect the actual space first

STOCK BOARDS TO BUY

17

2400 mm stock / 38x89 mm actual section

SAW-CUT PIECES

54

3 mm kerf / 5.7% calculated offcut

Label these timber members before assembly. Panels and cladding are specified separately.

ID	Timber member	Section	Qty	Finished cut length	Use / planning note
P-01	Front & Rear Pillar Sole/Top Plates	38x89mm	**4**	**1600 mm** approx. 62.992 in	Full pillar width; flat profile orientation
T-01	TV Clear-Opening Vertical Posts	38x89mm	**4**	**760 mm** approx. 29.921 in	Between TV crossrails; cut height equals 760 mm clear opening
F-02	Fireplace Clear-Opening Vertical Posts	38x89mm	**4**	**460 mm** approx. 18.110 in	Between fireplace crossrails; cut height equals 460 mm clear opening
H-01	Full-Pillar TV Sill/Header Crossrails	38x89mm	**4**	**1600 mm** approx. 62.992 in	Full pillar width; TV posts define the 1280 mm x 760 mm clear opening
F-01	Full-Pillar Fireplace Sill/Header Crossrails	38x89mm	**4**	**1600 mm** approx. 62.992 in	Full pillar width; fire posts define the 1210 mm x 460 mm clear opening
B-01	TV Pocket Backing Rails	38x89mm	**2**	**1280 mm** approx. 50.394 in	Separate mounting/load specification required; actual timber section shown

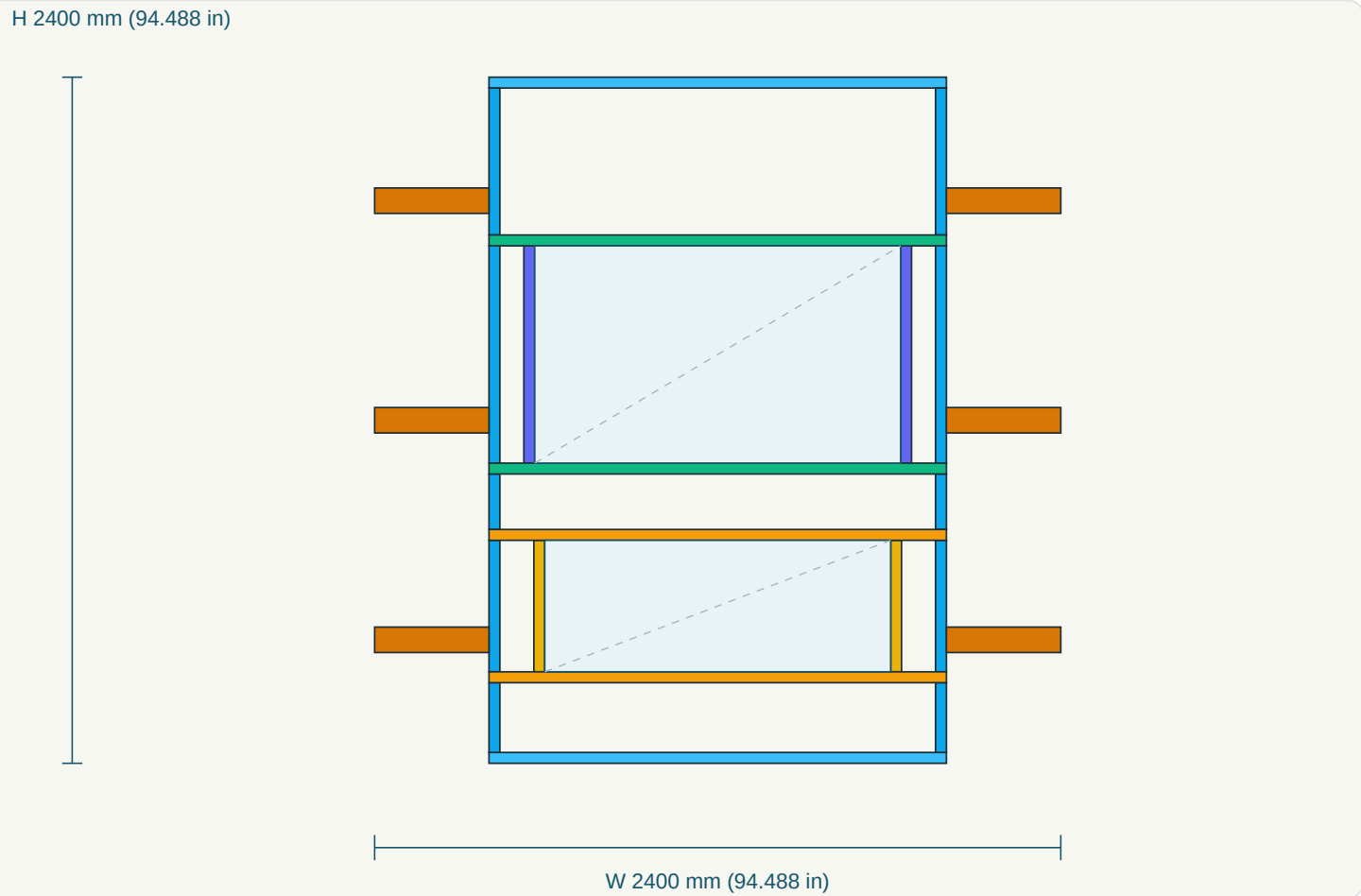
Derived lengths rounded to 0.1 mm; inch references approximate. Check actual stock and fit before cutting.

See the frame before you build

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FRONT ELEVATION

1:25 at 100% on A4



PART KEY

P-01	1600	**A-01**	400
T-01	760	**S-01**	244
F-02	460	**S-02**	460
H-01	1600	**S-03**	194
F-01	1600	**S-04**	760
B-01	1280	**S-05**	514
D-01	122		

DEPTH ENVELOPE

300 mm (11.811 in)

Envelope only; not a joint section.

Coloured rectangles are the projected frame. Pale shapes show context, not additional cut parts.

1000 mm print-scale check

Openings: TV RO 1280 mm x 760 mm; ELECTRIC FIRE RO 1210 mm x 460 mm Check actual product dimensions, fixing positions and manufacturer clearances before cutting.

Cut every board with a clear map

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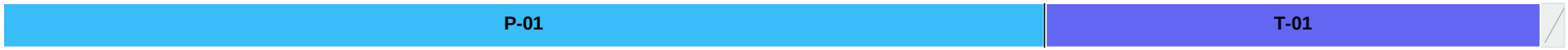
Stock 2400 mm (94.488 in). Cuts rounded to 0.1 mm; inch references approximate. Gaps allow 3 mm kerf between segments; end trimming is separate.

BOARD 01



P-01: 1600 mm (62.992 in) + T-01: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 02



P-01: 1600 mm (62.992 in) + T-01: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 03



P-01: 1600 mm (62.992 in) + T-01: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 04



P-01: 1600 mm (62.992 in) + T-01: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 05



H-01: 1600 mm (62.992 in) + S-04: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 06



H-01: 1600 mm (62.992 in) + S-04: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

BOARD 07



H-01: 1600 mm (62.992 in) + S-04: 760 mm (29.921 in) | Offcut: 37 mm (1.457 in)

Build in a sensible sequence

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STEP 01

Mark out: snap chalk lines for the 1600 mm wide x 300 mm deep frame on the floor, transfer them to the ceiling with a laser or plumb bob, and locate the ceiling joists. Check the wall for pipes and cables before fixing.

STEP 02

Cut every member from Sheet C-02 board by board, then write its part ID on each piece in pencil so nothing gets mixed up.

STEP 03

Build the two segmented ladder frames using P-01 sole/top plates and full-pillar-width H-01 TV crossrails. Outside vertical S-series pieces have different lengths; place each keyed member between its specified adjacent rails.

STEP 04

Fit the T-01 TV posts only between the TV crossrails so the clear opening measures 1280 mm x 760 mm, bottom 1050 mm above the floor. Post ends butt against the rails; no hidden notch or lap is assumed.

STEP 05

Fit the full-width F-01 crossrails and F-02 fireplace posts for a 1210 mm x 460 mm clear opening, bottom 320 mm above the floor. The appliance is an illustrative electric fire; verify the actual unit and manufacturer clearances.

STEP 06

Join the front/rear frames using the D-01 ties at their member-placement coordinates. Fit B-01 rear-plane backing rails inside the TV zone; do not assume this schedule establishes bracket fixing strength.

STEP 07

Specify floor/wall/ceiling anchoring, every butt joint, TV bracket fixing and appliance clearances for the real installation before cutting. The frame has no load rating.

STEP 08

Fit A-01 side-wing battens only if listed. Plan cladding, decorative slats, power/cable access and finishes separately; use qualified electrical installation where required.