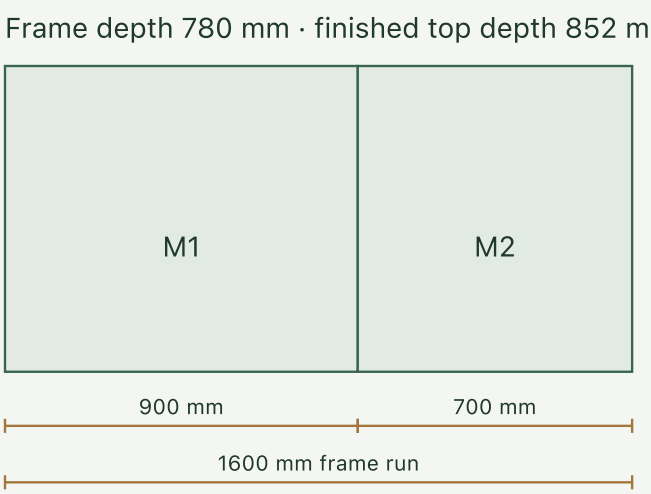
Sample · straight prep bench + bar fridge

Planning issue · fabrication details pending

Plan · numbered module footprints



Module	Layout / appliance	Width (mm)	Finished height (mm)
M1	Worktop	900	900
M2	Low-height outdoor bar fridge · 89 L · Schmick SK86L-B-HD	700	900

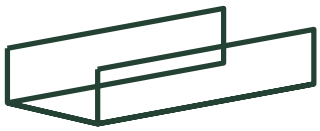
Layout dimensions describe geometry. Fabrication depends on verification of sections, end details, fixings, loads, clearances and site conditions. A pending cut requires confirmation before fabrication.

Project checks

- M2 • Appliance surround retains the catalogue cavity and front opening. Keep the required ventilation path and door swing clear; do not seal the appliance into the cavity.

Check the parts before assembly

Match the quantities and profiles to the member schedule. Stock lengths and fixing allowances are listed at the end.



17× U-track

T64-050-30



26× C-stud

Siniat 64 mm C-stud (0.5 BMT)



1× Front header (lintel)

Detail required



2× fibre cement sheets

3000 × 1200 mm planning stock.
Thickness in shopping schedule.



96× framing screws (estimate)

Stud ends and modelled noggings

Check the fixings

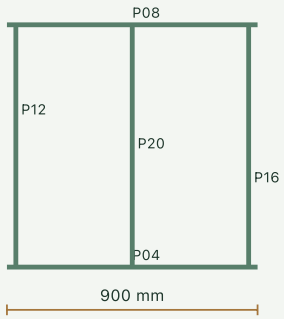
Confirm fixings for the selected profiles and installation. The estimate covers stud-to-track ends and modelled noggings. Panel joins, anchors, bearings and brackets require their own details.

M1 · Worktop

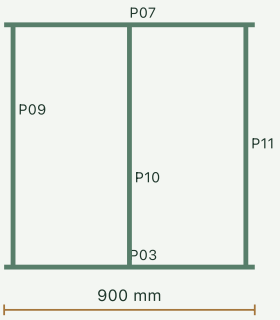
900 mm wide · 900 mm finished height · Steel frame

1 Build the panels flat

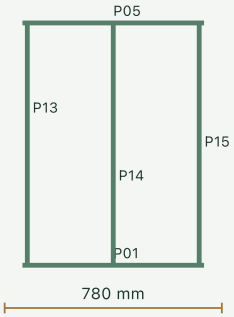
Front frame · 870 mm high



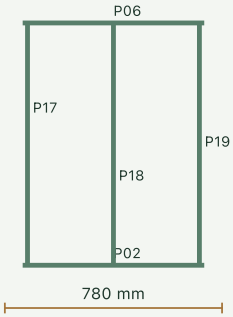
Rear frame · 870 mm high



Left frame · 870 mm high



Right frame · 870 mm high



Use the part IDs shown beside the members. Add prefix M1- when matching them to the cut schedule.

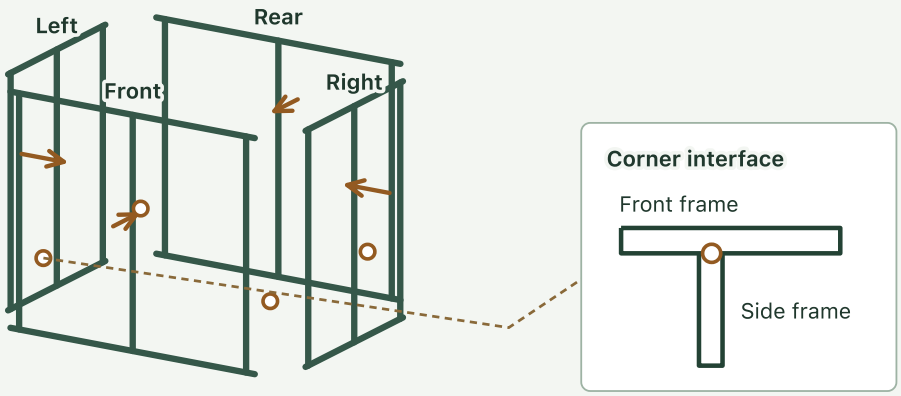
Orientation check · steel end studs viewed from above



M1 · Stand and join

2 Bring the panels together

Move the frames together · circles mark corner interfaces



Connection location shown in plan · confirm fixing detail

Keep the frame square. Confirm section, connection and fixing details at the indicated interfaces. Fit any internal support or opening assembly to its verified connection detail.

Member schedule · M1

Part	Frame	Member	Layout (mm)	Cut (mm)
M1-P01	Left	Side track	652	Pending
M1-P02	Right	Side track	652	Pending
M1-P03	Rear	Rear track	900	Pending
M1-P04	Front	Front track	900	Pending
M1-P05	Left	Side track	652	Pending
M1-P06	Right	Side track	652	Pending
M1-P07	Rear	Rear track	900	Pending
M1-P08	Front	Front track	900	Pending
M1-P09	Rear	Rear stud	870	864
M1-P10	Rear	Rear stud	870	864
M1-P11	Rear	Rear stud	870	864
M1-P12	Front	Front stud	870	864
M1-P13	Left	Side stud	870	864
M1-P14	Left	Side stud	870	864
M1-P15	Left	Side stud	870	864
M1-P16	Front	Front stud	870	864
M1-P17	Right	Side stud	870	864
M1-P18	Right	Side stud	870	864
M1-P19	Right	Side stud	870	864
M1-P20	Front	Front stud	870	864

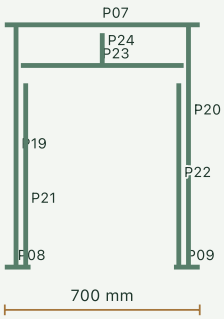
M2 · Low-height outdoor bar fridge · 89 L

700 mm wide · 900 mm finished height · Steel frame

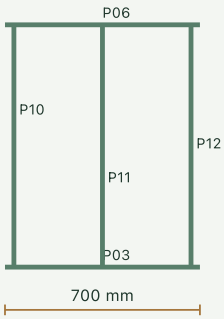
Appliance cavity W × D × H · 515 × 620 × 660 mm. Preserve required ventilation and door clearance.

3 Build the panels flat

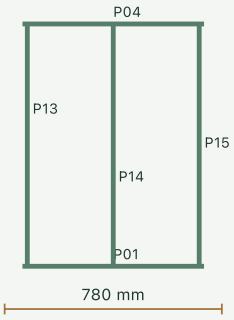
Front frame · 870 mm high



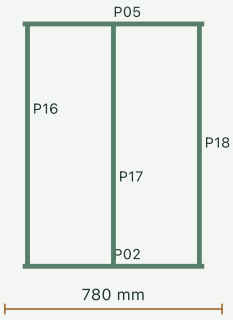
Rear frame · 870 mm high



Left frame · 870 mm high



Right frame · 870 mm high



Use the part IDs shown beside the members. Add prefix M2- when matching them to the cut schedule.

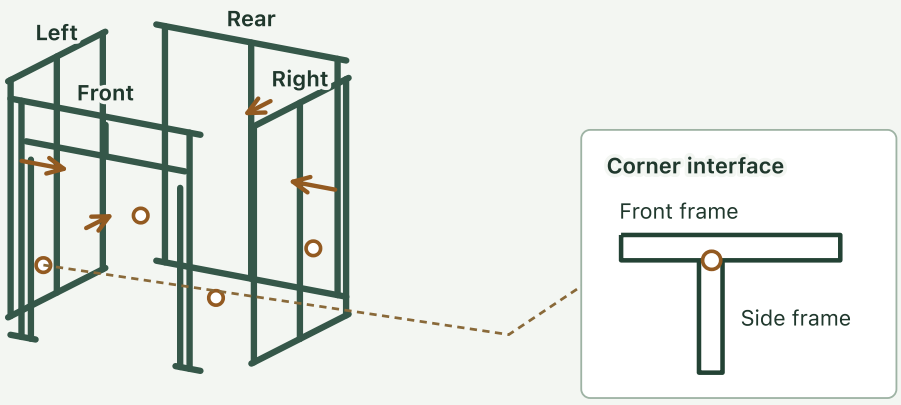
Orientation check · steel end studs viewed from above



M2 · Stand and join

4 Bring the panels together

Move the frames together · circles mark corner interfaces



Connection location shown in plan · confirm fixing detail

Keep the frame square. Confirm section, connection and fixing details at the indicated interfaces. Fit any internal support or opening assembly to its verified connection detail.

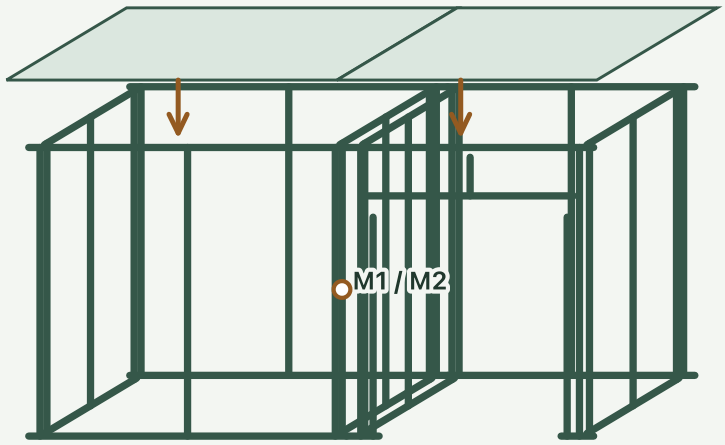
Member schedule · M2

Part	Frame	Member	Layout (mm)	Cut (mm)
M2-P01	Left	Side track	652	Pending
M2-P02	Right	Side track	652	Pending
M2-P03	Rear	Rear track	700	Pending
M2-P04	Left	Side track	652	Pending
M2-P05	Right	Side track	652	Pending
M2-P06	Rear	Rear track	700	Pending
M2-P07	Front	Front track	700	Pending
M2-P08	Front	Front track return	93	Pending
M2-P09	Front	Front track return	93	Pending
M2-P10	Rear	Rear stud	870	864
M2-P11	Rear	Rear stud	870	864
M2-P12	Rear	Rear stud	870	864
M2-P13	Left	Side stud	870	864
M2-P14	Left	Side stud	870	864
M2-P15	Left	Side stud	870	864
M2-P16	Right	Side stud	870	864
M2-P17	Right	Side stud	870	864
M2-P18	Right	Side stud	870	864
M2-P19	Front	Front king stud	870	864
M2-P20	Front	Front king stud	870	864
M2-P21	Front	Front trimmer stud	660	Pending
M2-P22	Front	Front trimmer stud	660	Pending
M2-P23	Front	Front header (lintel)	585	Pending
M2-P24	Front	Front cripple stud	116	Pending

Fit the run

5 Align modules and check bearing

Module interfaces and benchtop position



Confirm frame-to-frame connections, level, bracing and anchorage before loading the run. Test appliance fit and access before closing the lining.

Shopping and material estimate

Item	Basis	Stock size	Estimate
U-track	T64-050-30	3000 mm	4 lengths
C-stud	WSL64-050-24	2400 mm	4 lengths
C-stud	Bunnings I/N 1091130	3000 mm	5 lengths
Fibre cement	Sheet layout	3000 × 1200 × 6 mm	2 sheets
Concrete	Dingo All Rounder Concrete Mix	20 kg per bag	5 bags · 47.01 L incl. waste

1 steel members require a separate product, cut or end detail before ordering.

Fixing allowances

JOINT	COUNT BASIS	SCREWS
Stud ends seated in track	48 ends × 2	96
Tabbed noggings	0 pieces × 4	0
Estimated screws	Before spare allowance	96
Panel-to-panel and module-to-module screws	Project fixing schedule required	Excluded
BBQ sills, headers, frame anchors and cladding	Separate fixing details required	Excluded

Steel and fastener estimates (AUD) · 10 Nov 2026

Item	Quantity	Unit price	Subtotal
U-track 3000 mm	4	AU$ 12.32	AU$ 49.28
C-stud 2400 mm	4	AU$ 9.88	AU$ 39.52
C-stud 3000 mm	5	AU$ 12.43	AU$ 62.15
Buildex 8G × 12 mm Class 3 button head · 100-pack	1	AU$ 12.75	AU$ 12.75
Priced steel and screws			AU$ 163.70

Use the CSV for individual sheet cuts, stock cutting layouts and appliance or finish quantities. Confirm supplier prices and availability before ordering.