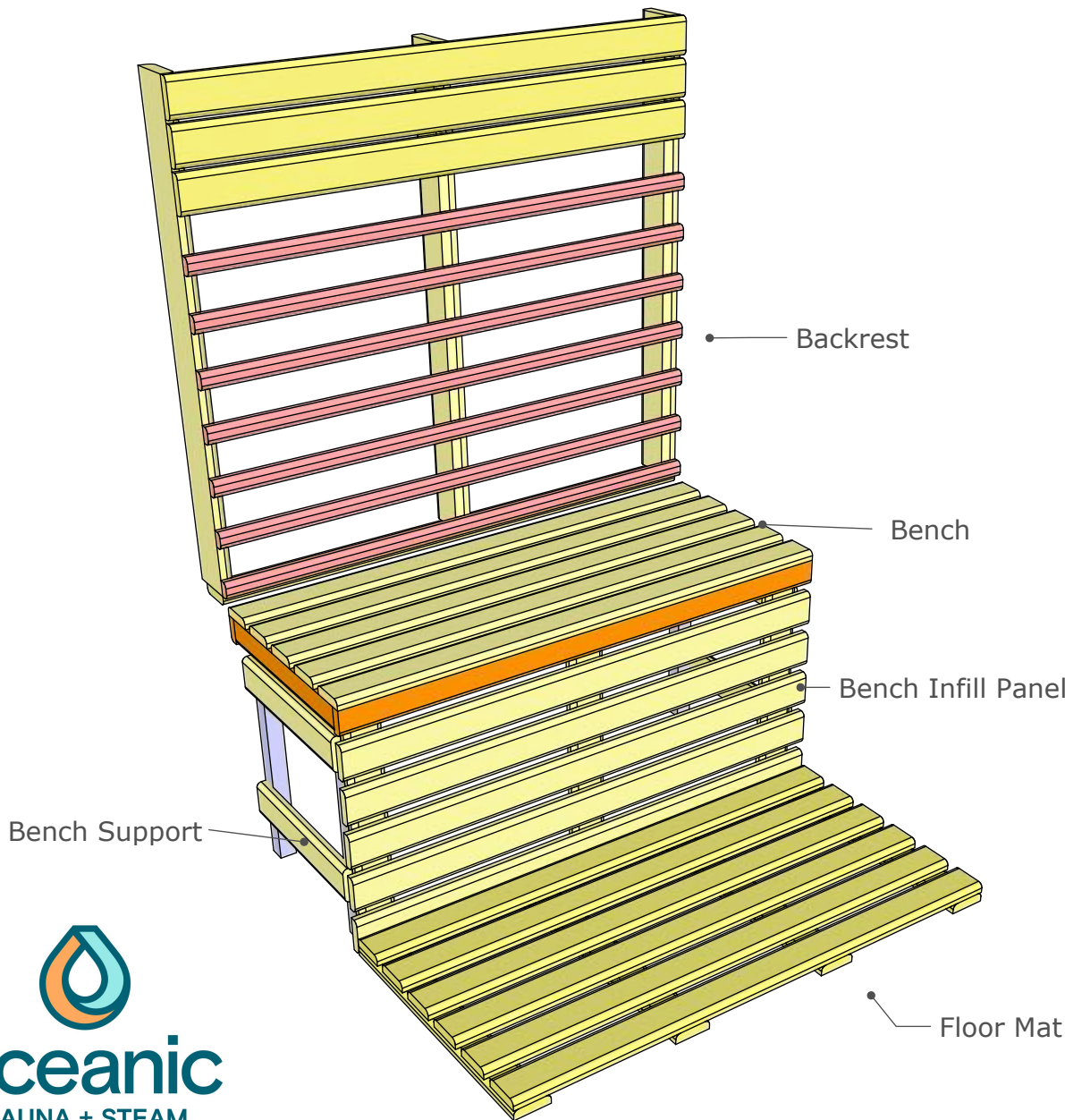


Fig.1a Complete bench kit

Part No	Description	Size	Length	Qty
1.1	Bench		1000	1
1.2	Bench Support	Low		2
2.1	Infill Panel	Low	1000	1
3.1	IR Backrest		1000	1
3.2	Backrest support	32x32	1000	1
4	Floor mat	509	1000	1



**Single Height Modular Bench Kit
Drawing Pack and
Installation instructions**

Tools Required

- Powered drill with drill bits and PH2 PZ2 screw bits
- 3mm Countersink Drill
(Countersink all holes before screwing)
- Work bench and two lengths of 1m long scrap timber

Optional tools

- Cross cut saw or hand saw if modifying the length
- Large Set square

Please read through instructions carefully before installing. If you require further assistance please contact head office on 01902 450 550

Fig.2a Bench kit side

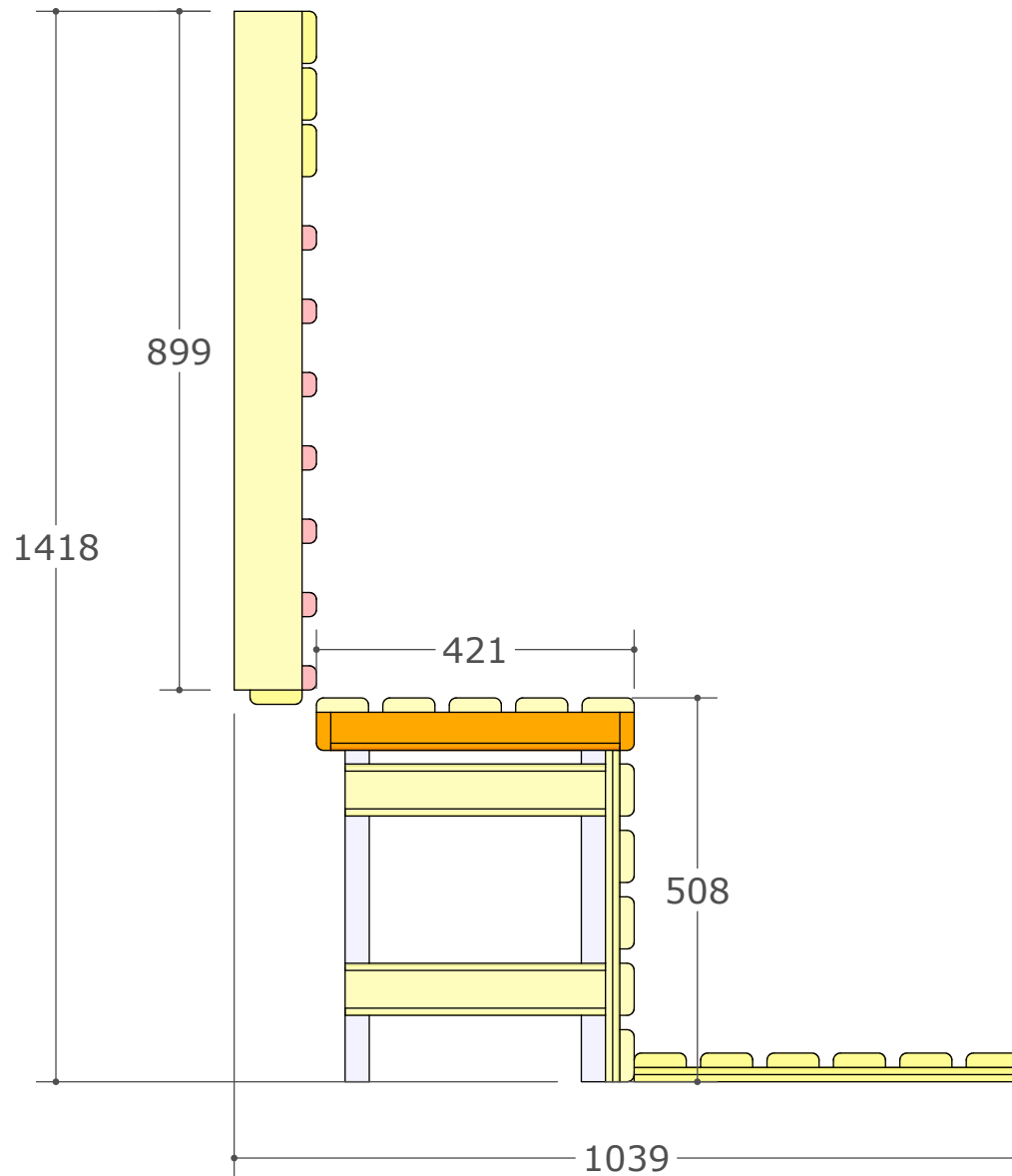


Fig.2b Bench kit front

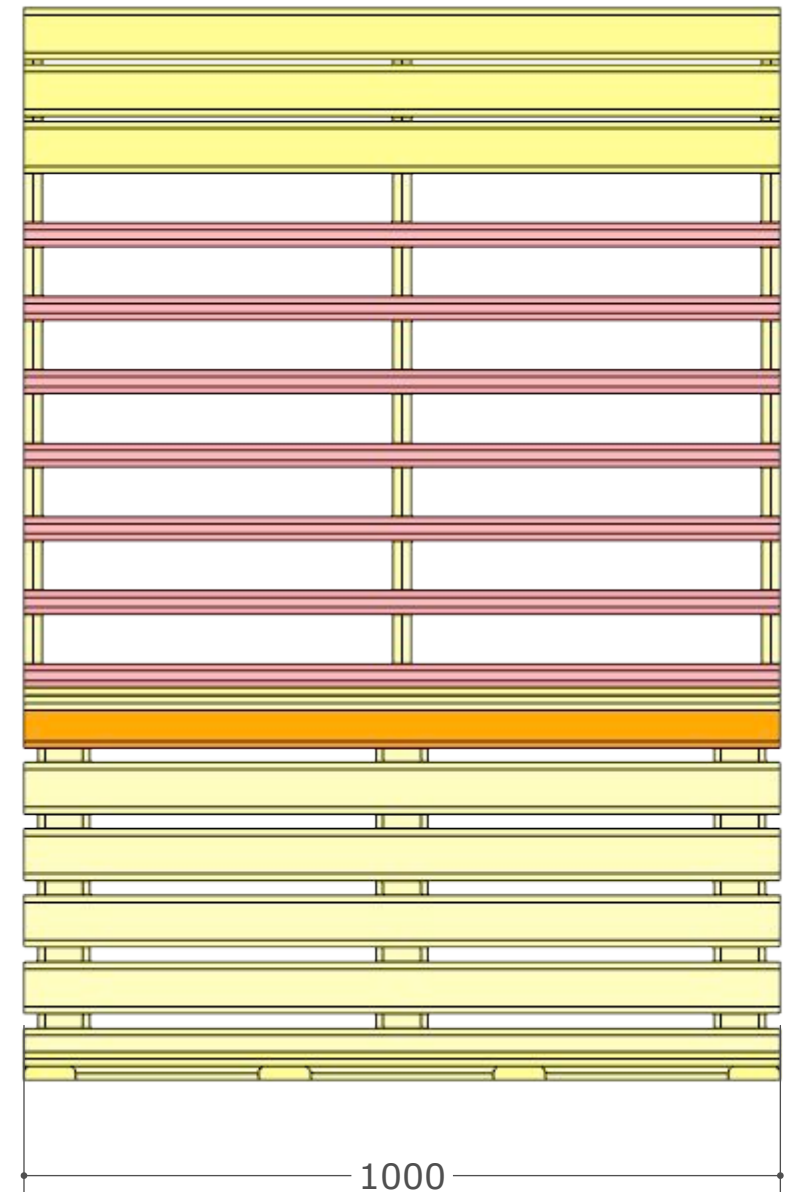
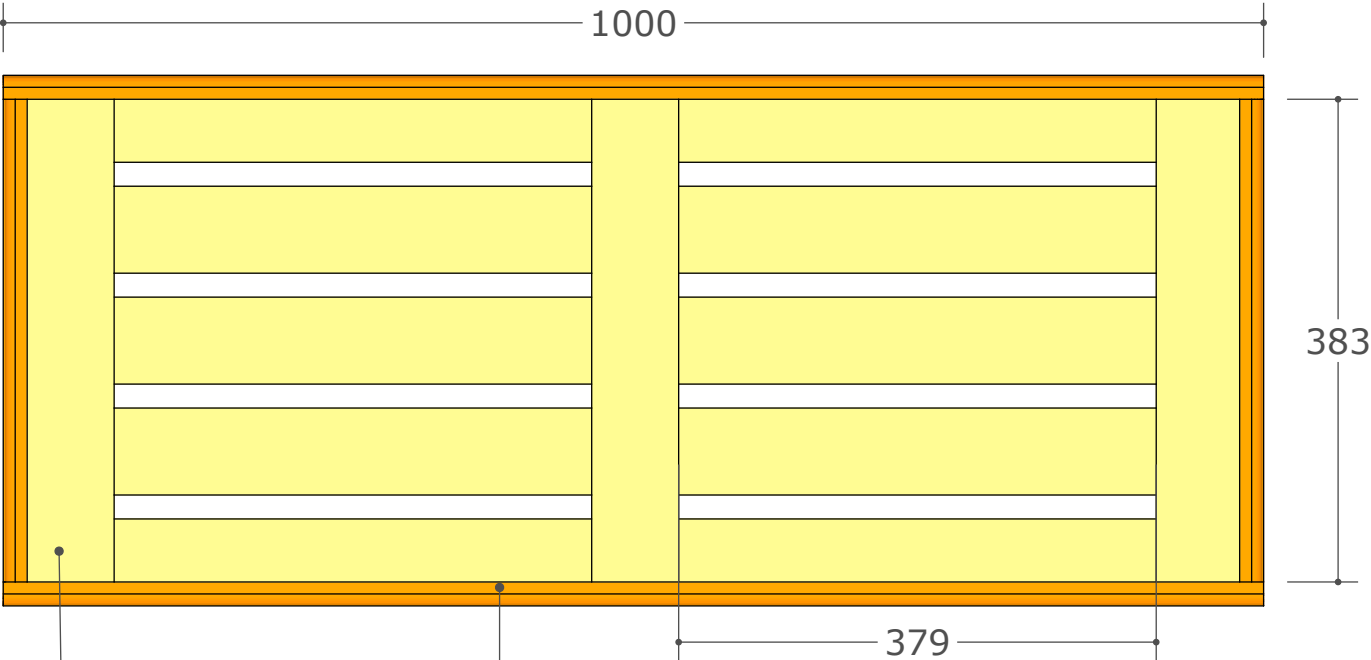


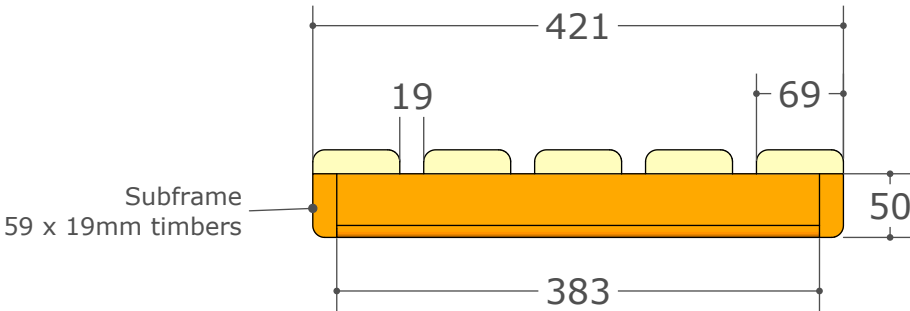
Fig.3a Bench reverse plan



1000mm Bench Components

Part No	Description	Section	Length	Qty
1	Sub frame	50x19	1000	2
2	Bench Rail	50x19	383	2
3	Slat	69x19	1000	5
4	Bearer	69x19	383	5
5	20mm screw pack (20pack)			1
6	30mm screw pack (30pack)			1
7	50mm screw pack (20pack)			1
8	19x19mm L bracket (10pack)			1

Fig.3b Bench end section



Bench Assembly

Note: All holes must be pre-drilled and countersunk

- On a workbench create a square corner to work from using two lengths of scrap timber. Fig. 4a
- Screw the subframe together using an L bracket for each corner. Bracket positioned 10mm beneath frame edge. Fig.4b
- Lay the 5No 1000mm 69 x 19mm slats facedown on work bench. Use 19 x 19mm spacers between each slat Fig. 4a
- Position the 383mm cross members onto of the slats, see Bench Drawings for layout.
- Fix cross members in place using 30No 30mm screws as shown.
- Fix the cross members to the sub frame using 10No L brackets fixed using 20No 20mm screws as shown Fig 4d/e

Fig.4a Workbench setup

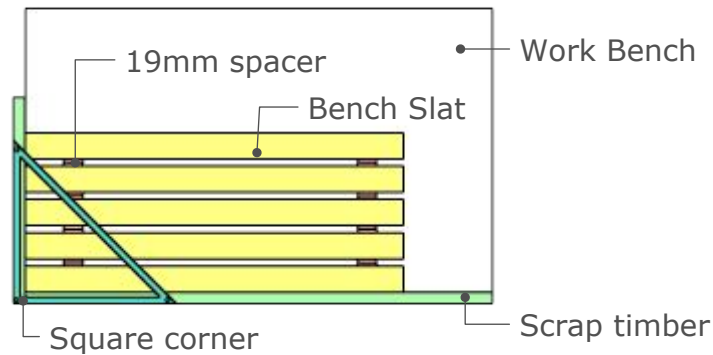


Fig.4b Subframe

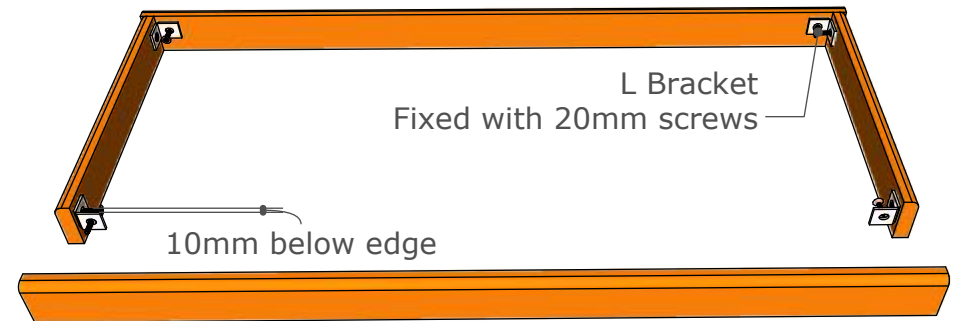


Fig.4c Cross members

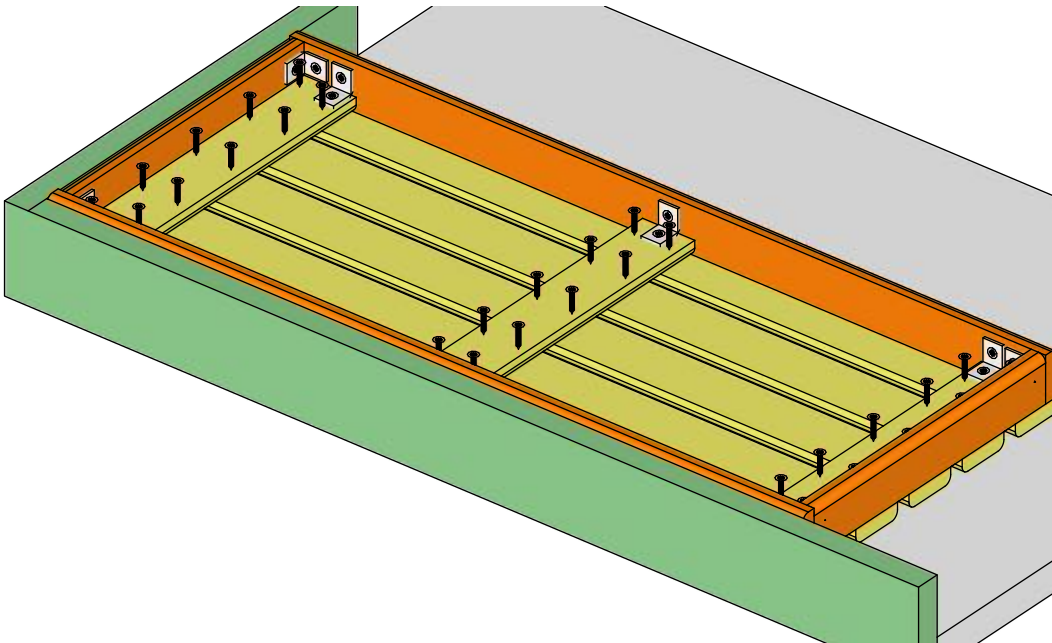


Fig.4d Reverse plan

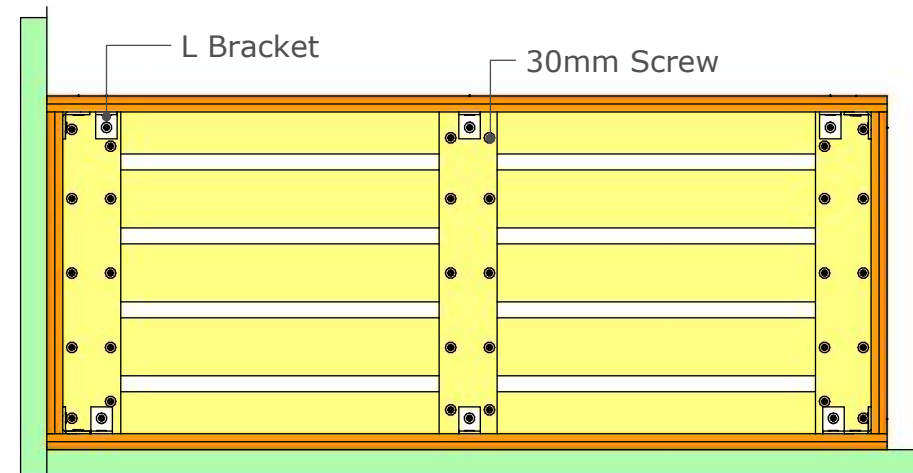
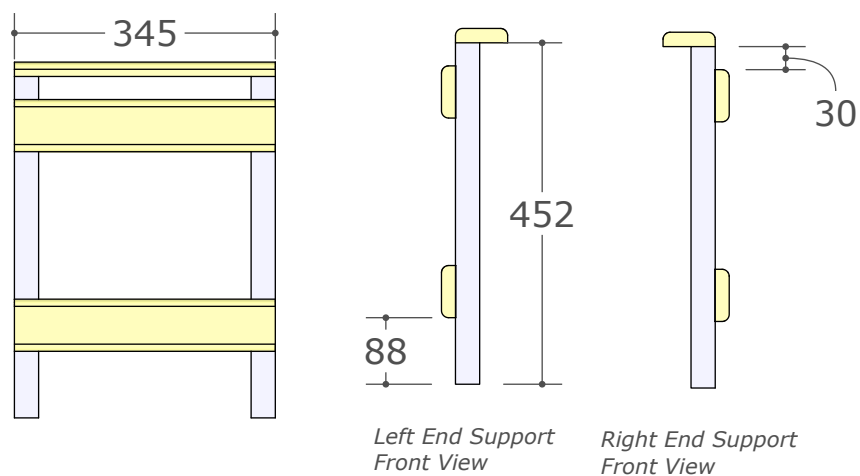


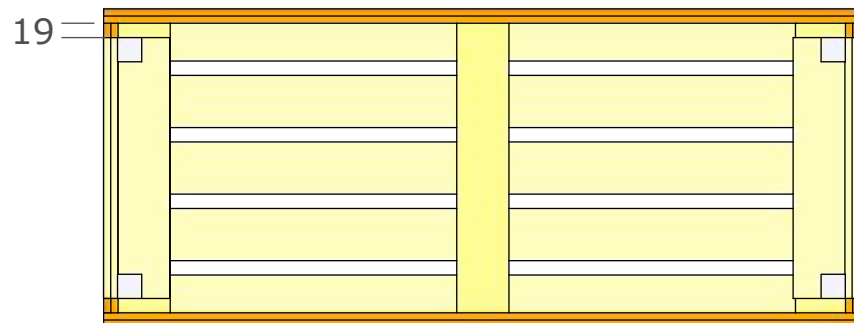
Fig.5a End bench supports



Bench Support Components

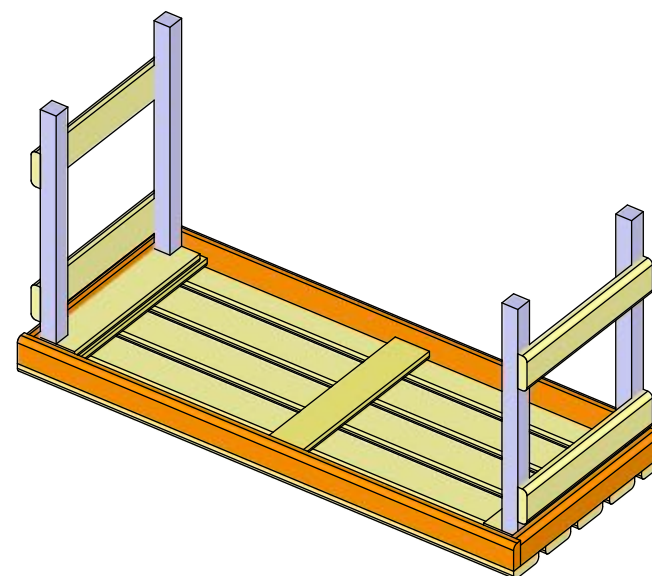
Part No	Description	Section	Length	Qty
1	Support Leg	32x32	452	2
2	Support Bearer	19x69	345	3
3	45mm screw pack (20No)			1

Fig.5b Reverse section bench with supports



19mm gap between front/rear of bench support and subframe to avoid brackets

Fig.5c Reverse 3D view bench with supports



Bench Support Assembly

Note: All holes must be drilled and countersunk

- i. Fix the horizontal and top rails to the legs using 45mm screws as shown in Fig.6a. See Bench Support Drawings for layout.
- iii. Secure the first end support to the internal sauna wall using 12No 45mm screws as shown in Fig.6b , distance from rear wall should be at least 38mm to allow bench to sit on top.
- iv. The other support will either be fixed to the opposite internal wall (Fig.6c) or onto the next adjacent modular bench support (Fig.6d)
- v. Bench sits on top of the supports and is fixed from beneath using 2No 45mm screws into each bench cross member. See Fig.6c

Fig.6a Bench Support Construction

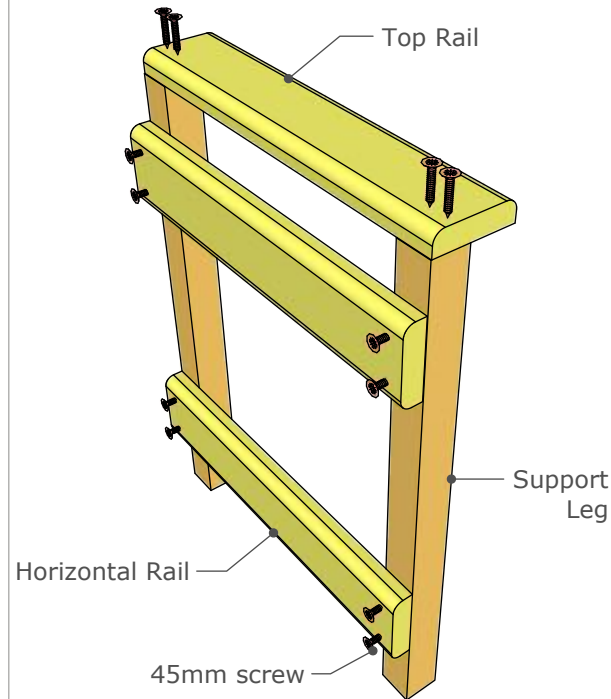


Fig.6b Fix Support to internal wall

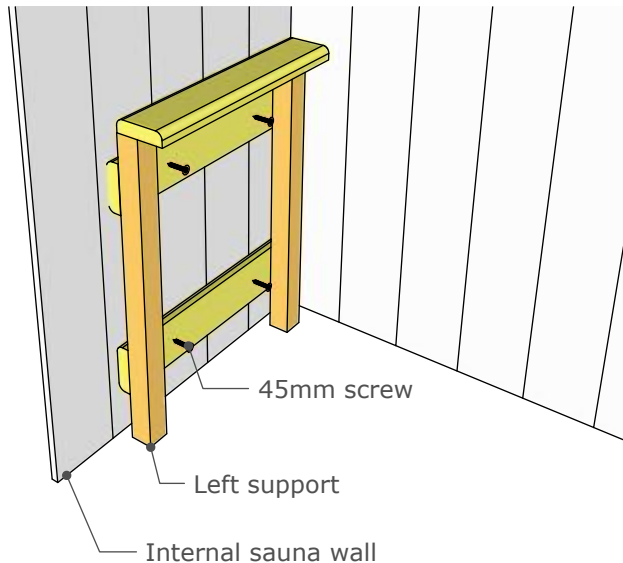
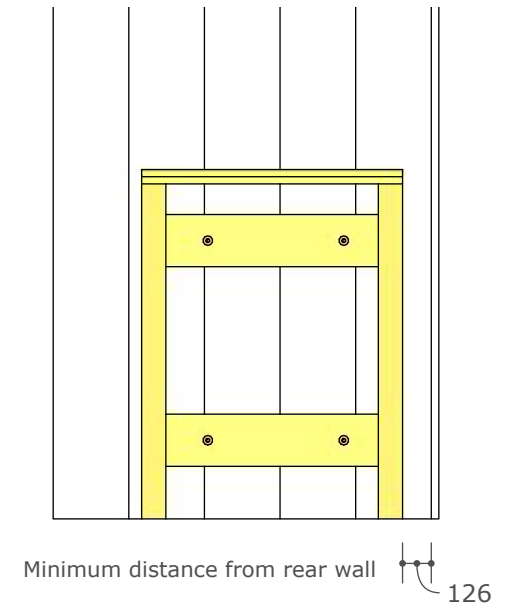


Fig.6c Fix supports to bench

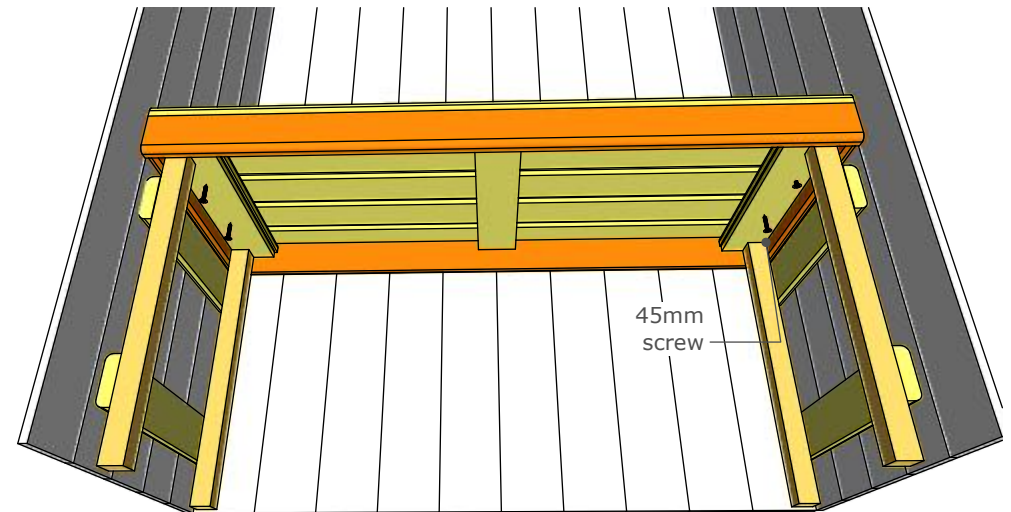
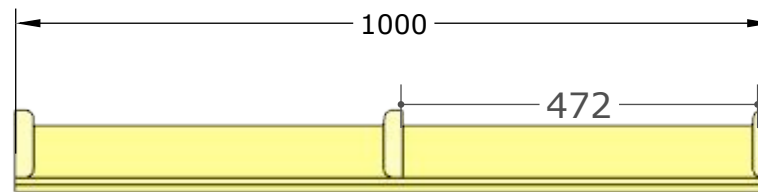


Fig7a Backrest Top



1000mm Backrest Components

Part No	Description	Section	Length	Qty
1	Slat/Rail	69x19	1000	4
2	Slat	32x19	1000	7
3	Upright	25x90	899	4
Fixings				
4	50mm screw pack (20No)			1
5	18/25 Brad nails pack			1

Fig7b Backrest Side

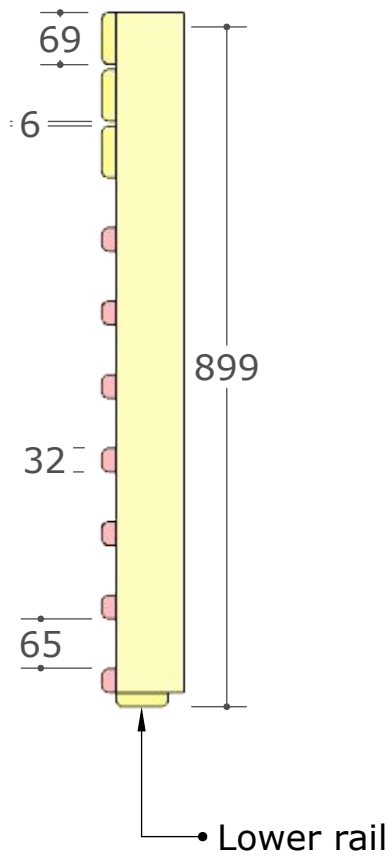
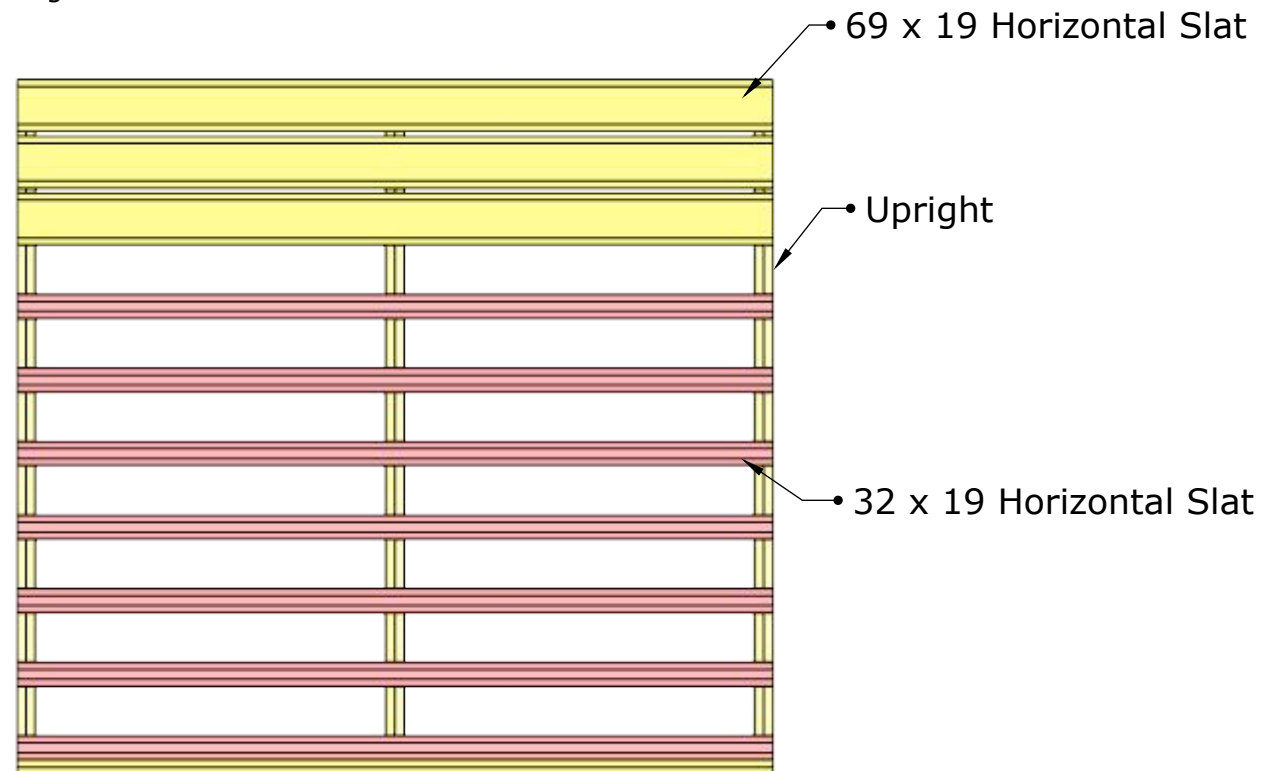


Fig7c Backrest Front



Backrest Assembly

Note: Either use Pin Gun or Hammer the nails in manually

- Pin the bottom rail onto the uprights, use two pins per upright as in Fig 8a
- Pin the horizontal 69 x 19mm and 32 x 19mm horizontal slats onto the uprights. Two pins per upright per slat. Fig8b
- Position backrest above and behind the bench. Fix upright to internal sauna wall using 3 No screws in each end. If you have multiple backrests side by side fix adjacent uprights together as shown in Bench Support Assembly

Fig8a Fix Uprights

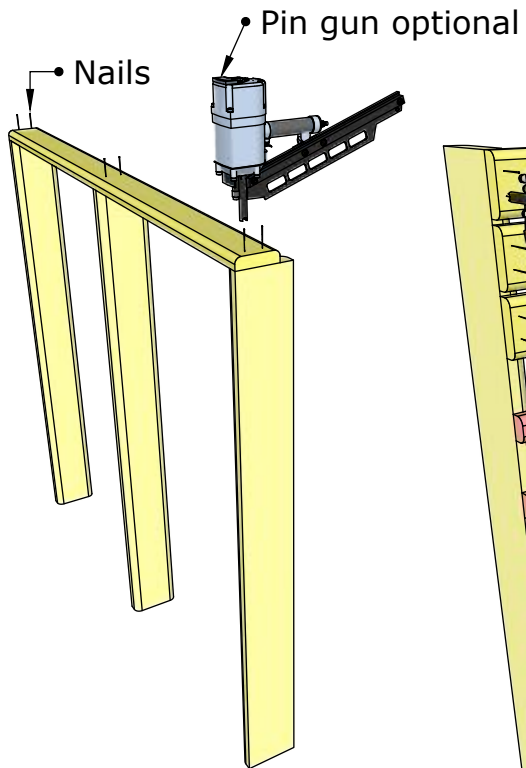


Fig8abFix Horizontal Slats

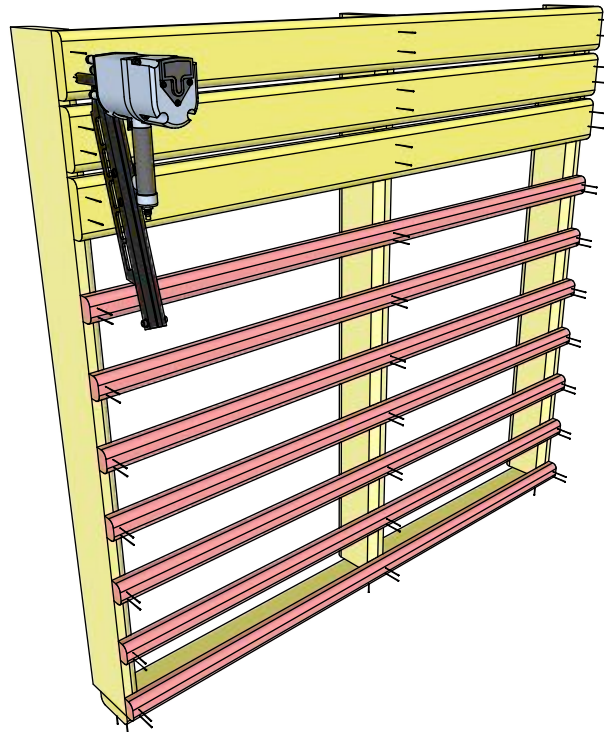
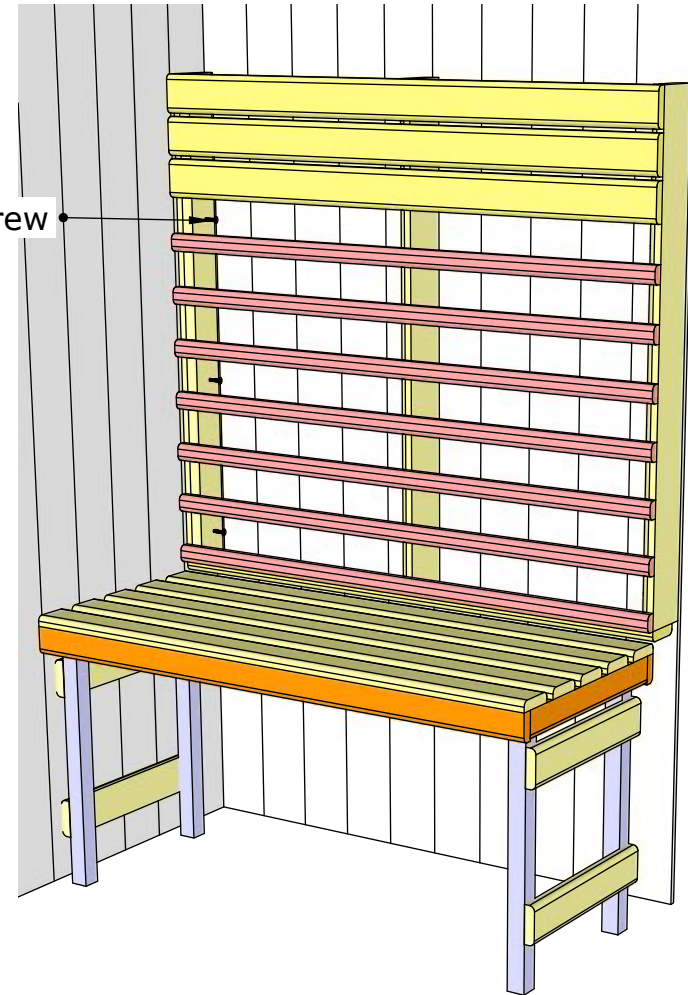


Fig8c Fix Horizontal backrest to internal wall



Bench Infill Panel Assembly

Note: All holes must be pre drilled and countersunk

- i. The infill panel is constructed using 4No 1000mm lengths as horizontal slats and 3No 440mm lengths as upright supports
- ii. Arrange the slats and supports as shown in Fig.9a and Fig.9b Use the 19mm spacers between slats.
- iii. Fix the uprights into the slats using 30No 30mm screws as shown.
- iv. Mount the infill panel onto the front of the bench supports using 2No 50mm screws per upright as shown in Fig9.c/d

Bench Infill Components				
Part No	Description	Section	Length	Qty
1	Infill Slat side	19x69	440	3
2	Infill Slat	19x69	1000	1
Fixings				
3	30mm screw pack (30No)			1
4	Screw cap pack (10No)			1

Fig.9a Infill panel reverse view

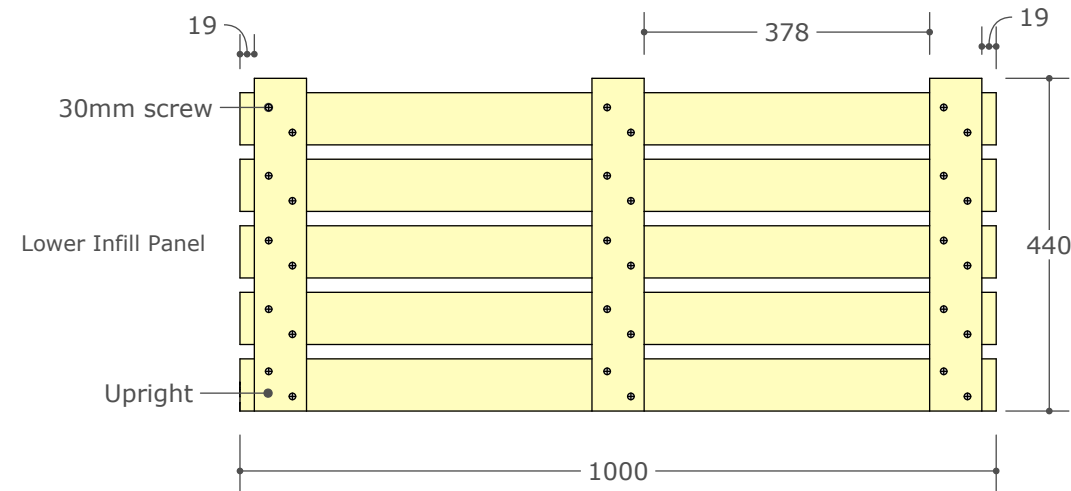


Fig.9b Infill panel side view

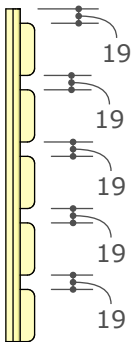


Fig.9c Infill panel and bench front view

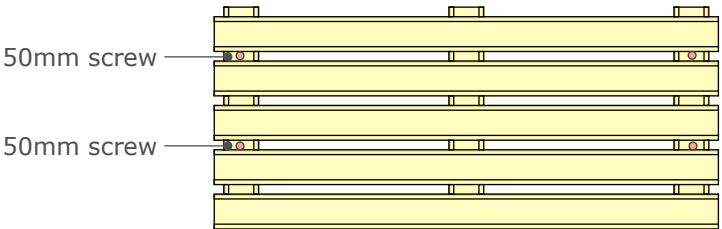
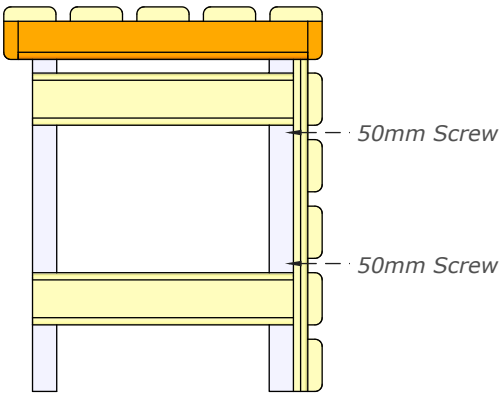


Fig.9d Infill panel and bench side view



Floor Matt Assembly

Note: All holes must be drilled and countersunk

- i. Fix the rails onto the slats from beneath using 48No 30mm screws. Fig.10b

Floor Mat Components				
Part No	Description	Section	Length	Qty
1	Floor Mat Slat	19x69	1000	6
2	Bearer	19x69	509	4
Fixings				
3	30mm screw pack (30No)			2

Fig.10a Floor mat top

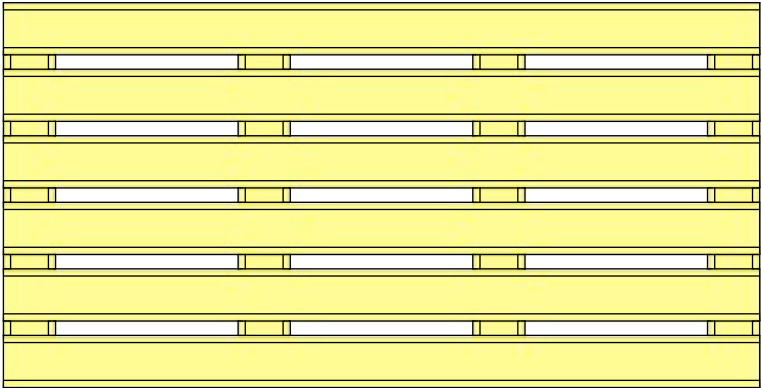


Fig.10b Floor mat underside

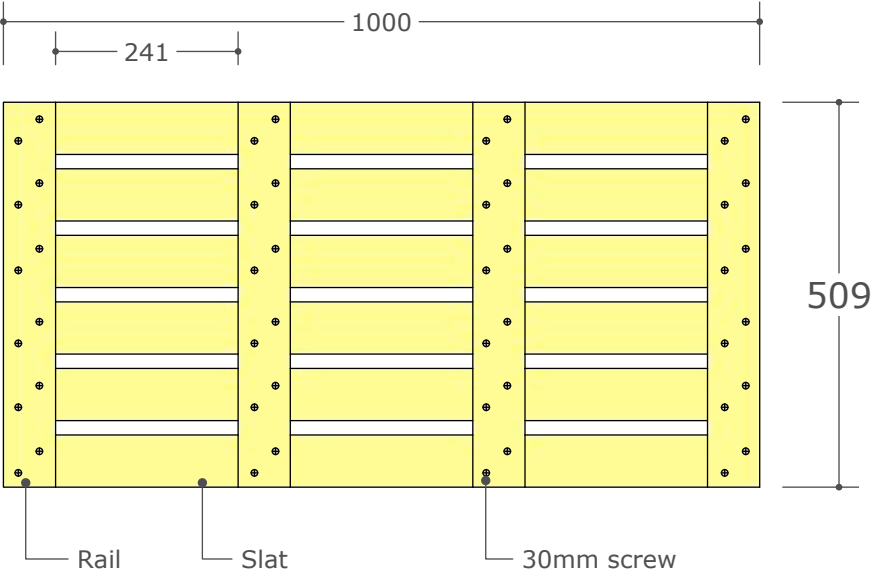
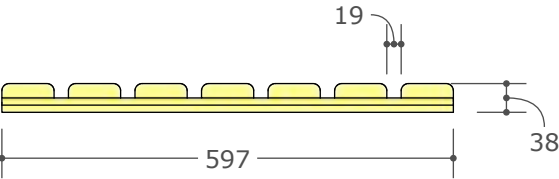


Fig.10c Floor Mat side



Infrared Heater Location

Locate vertical heaters between the backrest uprights, two per kit.
Locate horizontal heater beneath bench, one per kit

If joining two adjacent kits together use the 1000mm long 32x32mm support batten below the backrests.
Fix the support batten to the wall using 2No 5mm screws as shown in fig 11.a
Fix the two backrests together using 2No 50mm screws

Fig11a Support Batten

32x32 support batten

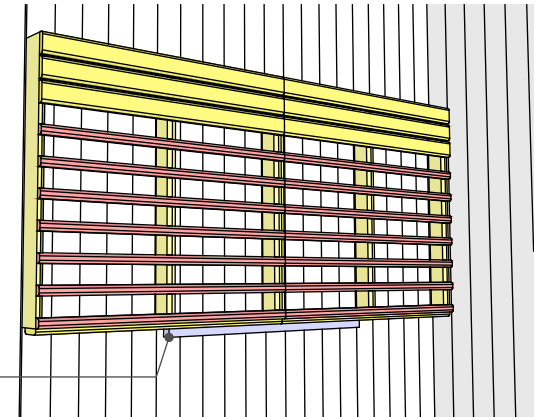
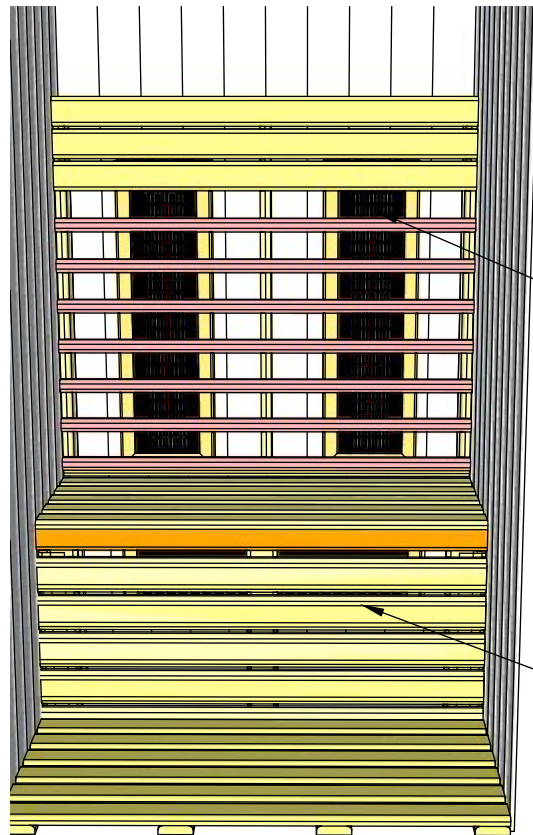


Fig11b Single bench kit



Vertical
IR Wall Heater

Horizontal
Under Bench
IR Heater

Fig11c Two kits adjacent

