

SUN ROOM 8 PARTS LIST			
PART	SIZE	QTY	DESCRIPTION
AN2	635mm	1	Angle weather board
HS1	1843mm	8	H uprights
RL2	696mm	2	Rail door
RL3A	2530mm	5	Rail roof centres
RL4A	2463mm	1	Rail back bar
RL23	375mm	4	Roof tie
RL24	398mm	2	Roof tie
RL25	422mm	2	Side support
RLD3	272mm	2	Rail panel tie
RLD5A	696mm	1	Rail door tie
RLD6A	2532mm	2	Front rail top & bottom
RLD7A	2532mm	4	Side rail top & bottom
RLD8A	2530mm	2	Rail roof edges
RLD9	630mm	8	Rail panel tie
FS2A	65mm	8	Packer back bar
HBD		21	Brackets
HBDT2		6	Trimmed bracket
IC1	593mm	22	Cladding clamp 10mm
IC2	1789mm	4	Cladding clamp 10mm
IG1	1124mm	20	Glazing clamp 5mm
IG2	970mm	2	Glazing clamp 5mm (door)
IG3	252mm	2	Glazing clamp 5mm
J4A	128mm	2	Roof end joiner
SEB2A	2600mm	2	Roof clamp base edge
SET2	2638mm	2	Roof clamp top edge
SJB2A	2600mm	2	Roof clamp base
SJT2	2638mm	2	Roof clamp top
T6	694mm	1	T Weather trim
US4	1778mm	2	Channel door side
US5	1843mm	1	Channel doorway
US6	2263mm	2	Channel back uprights
US9A	212mm	2	Channel side support
YS1	1933mm	2	Y Corner
YSC1A	1843mm	1	Y Cut doorway stop
CLADDING			
CD6W	238mm	4	Cladding 10mm
CD7W	661mm	2	Cladding door 10mm
CD9W	595mm	28	Cladding 10mm
SAN34	1145 x 225mm	2	Glazing
SAN35	990 x 650mm	1	Glazing door
SAN36	1145 x 584mm	8	Glazing
TW144	2638 x 831mm	3	Twinwall roof 6mm
TW153/153A		2	Twinwall roof ends (pair)
XL71	2300mm	5	Steel support
FIXINGS			
AA	8mm	100	Self taps
AB1		10	Fixing brackets (plastic)
AC	30mm	1	Bolt
AD		62	White plastic plugs
N	28mm	137	Studs
NC		279	Nycaps
P	35mm	2	Studs
U	32mm	36	Self taps (roof)
V	80mm	4	Ultra screw (roof)
Y	19mm	68	Self taps
	8"	3	Door hinge
		1	Door latch and handle

NOTE: Parts are easily identified by matching shape of section as shown on the parts list and measuring length.

SUN ROOM 8 INSTRUCTIONS MK 3

IMPORTANT INFORMATION

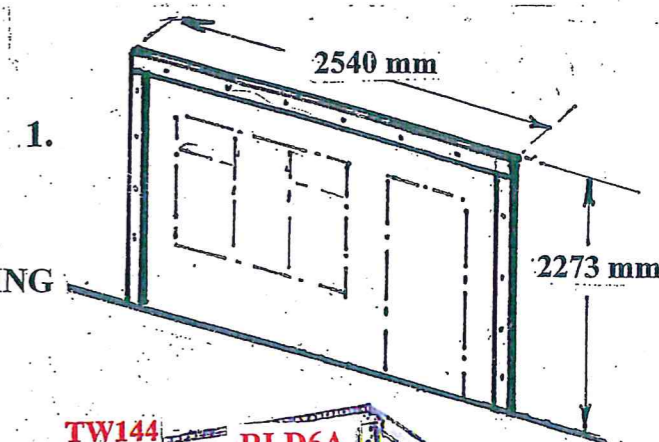
Please read carefully before starting assembly

To safe guard your own interest you are advised to check the contents of each pack Before assembly; taking care not to mix contents. Claims against the manufacturer will become invalid after the start of assembly. If you are not happy with your purchase WRITE OR FAX customer services within 10 days of receipt of goods requesting a pre-paid label. Refunds will not be made unless goods are returned unused/undamaged and complete. Any missing or damaged part will be charged for. Under no circumstances return goods without contacting customer services in writing. **Owing to the nature of this product carriage and handling charges are not refundable.** This does not affect your statutory rights. In the unlikely event of a missing part, it is essential you quote the hand written "packing reference no:" Found either end of the box or pack and contact Norfolk Greenhouses, Chiswick Ave, Mildenhall, Suffolk IP28 7AZ or Fax 01638 714715

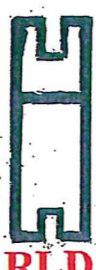


ERECT ON A SUITABLE BASE PREFERABLY USING A MEMBRANE.

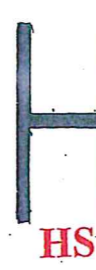
1. Firstly choose the position for your sunroom. If the wall is rough make up a frame using 3"x1" timber and fix back as shown, sealing the back with mastic and fixing it with rawl plugs and screws. (not supplied) If your wall has a smooth finish, just fix frame of sun room straight on to it. As shown.



RL



RLD



HS



YS



US



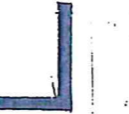
SJB



HBDT



HBD



YSC



T



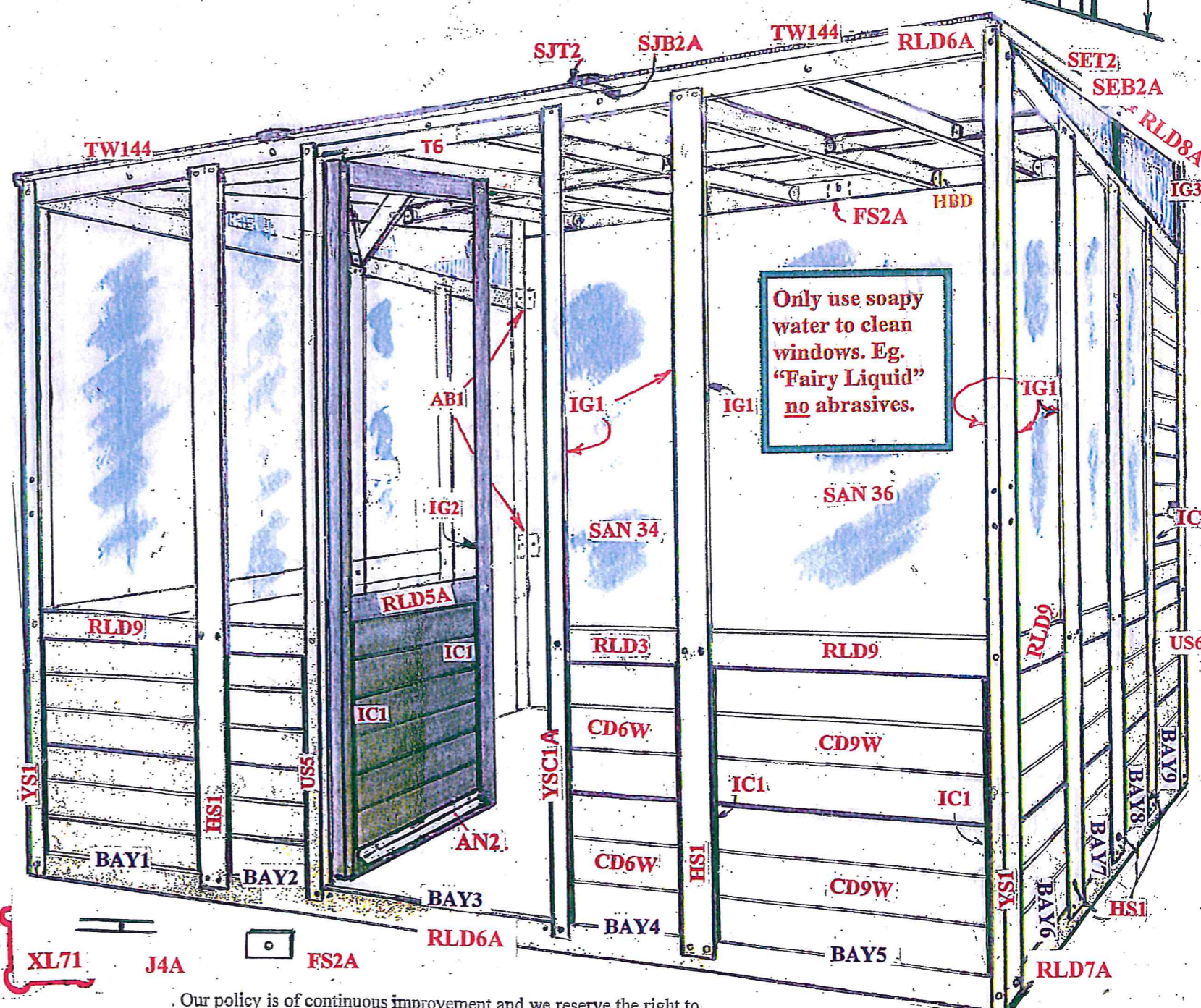
IC



SET



SEB



Only use soapy water to clean windows. Eg. "Fairy Liquid" no abrasives.

Our policy is of continuous improvement and we reserve the right to change specification without prior notice therefore the latest model is supplied.

SUN ROOM 8 INSTRUCTIONS MK 111

SHEET 2

2. Assemble the front using the following; 1-YSC1A, 2-YS1, 2-HS1, 1-US5, 2-RLD6A, 8-28mm studs and nycaps.

It is easier to construct if you lay it flat on the floor.

Take 2-YS1 and fix 1 each end of the RLD6A for the base.

NOTE: Make sure YS1A are fitted the correct way round (see fig 1)

Add US5, 1-YSC1A and 2-HS1 and fix with nycaps and studs.

Now add cladding using 2-RLD9, 2-RLD3, 8-IC1, 4-CD9W, 4-CD6W, 8-IG1, 2-SAN 36 and 2-SAN 34. Start at front corner BAY1 slide in place 2-IC1 into the YS1 and HS1, then the 2-CD9W.

NOTE: Flatten top edge of top CD9W this allows it to fit in the groove of the RLD9. (see fig 2) add the RLD9 and bolt into place using 2 studs and 4 nycaps, slide in place 2-IG1 into YS1 and HS1.

Followed by SAN 36. Repeat the above for BAY2 using 6-CD6W Cladding and SAN 34 glazing. Do not forget to flatten top edge CD6W

Repeat for BAY 4 and 5. Finally put on top RLD6A and fix with 8 studs and 16 nycaps (N and NC)

3. Assemble and fit BAYS 6,7,8,9, using 2-RLD7A, 3-RLD9, 3-HS1, 6-IC1, 6-IG1, 1-US6, 3-SAN 36, 12-CD9W, 22-28 mm

Studs (N) and 44- nycaps (NC) As shown.

Repeat for other side BAYS 10-13.

NOTE: Bays 9 and 13 are clad with CD9W to the top, Fit 2-IC2 in Bays 9 and 13 before fitting 6-CD9W to each bay.

Remembering to flatten top edge of top CD9W only.

Now fit top RLD7A and fix with studs and nycaps.

Assemble front to sides.

Prop up front using help and slide side section RLD7A into YS1, Fix with Studs (N) and Nycaps (NC) Repeat for other side.

NOTE: If you are putting door on side, Build with the complete RLD6A front section

On the side and the RLD7A side section on the Front, fitting the cladding in Bay 9, into Bay 5

And RLD9 and SAN 36 into Bay 9.

Repeat for other side BAYS 10-13.

NOTE: Bays 9 and 13 are clad with CD9W to the top, Fit 2-IC2 in Bays 9 and 13 before fitting 6-CD9W to each bay.

Remembering to flatten top edge of top CD9W only.

Now fit top RLD7A and fix with studs and nycaps.

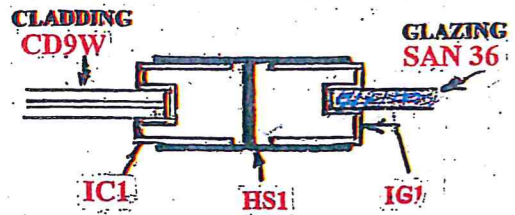
Assemble front to sides.

Prop up front using help and slide side section RLD7A into YS1, Fix with Studs (N) and Nycaps (NC) Repeat for other side.

NOTE: If you are putting door on side, Build with the complete RLD6A front section

On the side and the RLD7A side section on the Front, fitting the cladding in Bay 9, into Bay 5

And RLD9 and SAN 36 into Bay 9.



Sketch showing cladding or glazing into inserts, and insert into uprights.

NOTE;

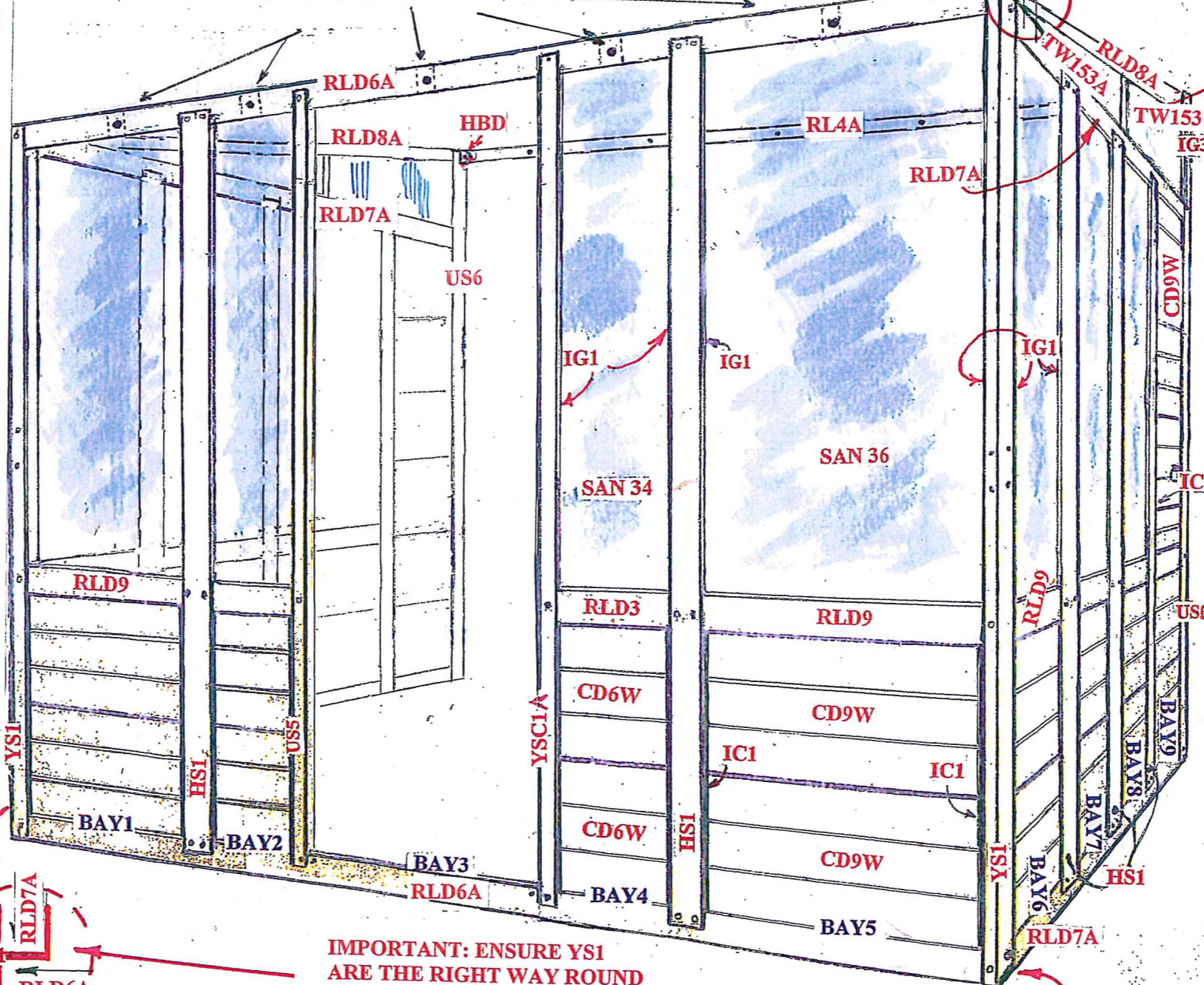
Due to natural shrinkage after manufacture and in order that holes line up perfectly use 8.5 mm drill bit supplied to open up or adjust alignment when assembling sections to allow nycaps to fit in easily.

4. Stand completed sides and front into prepared position, do not fix to the wall yet. Add 2-IG3, sliding into top of US6, one each side, now place TW153 and TW153A in grooves on the top of RLD7A make sure back edge of TW153 is pushed into IG3, and joiner J4A is slid between TW153 and TW153A, Now place RLD8A on top of TW153/TW153A and fix HBD brackets to inside edge of sunroom.

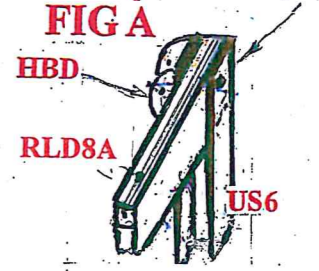
Now using 35mm stud (P) and 2 nycaps fix through HBD, RLD8A and US6 (See fig A) screw down other end B with 2-5mm x 80 (V) self drilling CSK ultra screws provided. Repeat for other side.

Position of HBD brackets

Fix with studs (N), Nycaps (NC) and screws (Y)



35 mm stud and nycap.



NOTE
Slip joiner J4A in between TW153 and TW153A when assembling.

5. Add top back bar RL4A. Fix each end into HBD bracket already fixed to side of US6 using stud and nycaps. Fix 5-HBD brackets through 5 holes drilled in RL4A, fix with studs (N), nycaps and screws (Y). Now fix 5- HBD brackets to RLD6A in the same way.

For ease of joining CD9W, CD6W to RLD9/RLD3 flatten this edge top panels only. Use a pair of pliers for this.

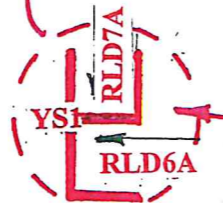


FIG 1

IMPORTANT: ENSURE YS1 ARE THE RIGHT WAY ROUND SMALL LEG ACROSS THE FRONT AND WIDE LEG AT SIDES.

Thank you for purchasing one of our new range of sun rooms. They have been designed in modular fashion to allow for easy extension or the option to style to your own taste, with the freedom of easy DIY assembly. No special base needed, plus you can take it with you if you move.

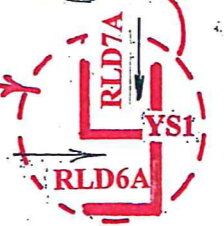


FIG 1

FIG 2

SHEET 3 MK III

6. Ensure the 5-HBD brackets on RL4A and RLD6A are in place. After placing your sunroom against your wall making sure it is in the correct position, drill 4-6mm holes through RL4A and fix back to house using screws and raw plugs (not supplied) in 4 places. Putting FS2A spacers at the back use 1 or 2 FS2A spacers behind each hole so that the RL4A is straight and level to house.

IMPORTANT
It is essential that the uprights are vertical and structure is square.

7. Fix in position the 5-RL3A each end using 10 studs and 20 nycaps through Each bracket HBD already in place on RL4A and RLD6A **NOTE:** If you are fixing door on side, build as described in **NOTE:** on sheet 2. Then change the middle HBD bracket on RLD7A with 1-HBDT2 trimmed bracket to clear HS1. Fix support steel XL71 centrally to underside of each RL3A As shown below. All XL71 are fitted with the angle to the right (view from outside) Except right hand RL3A in Bay 1 which is angled to the left to clear HBD/RL25. Fix XL71 with small screws (AA).

Fix roof sheet at top end with 2-4.8 x 32 (U) Self tap screws into the slot in RL4A

8. Fix 1-HBD bracket to the hole nearest the back in RLD8A, tilt HBD so that the top of HBD is level with top edge of RLD8A, fix with stud, nycaps and screws (Y) repeat for other side. Now fit 1-HBD and 1-HBDT2 brackets back to back to each RL3A, make sure HBDT2 is fitted to the side where XL71 steel is fitted as shown. Fix with 1-stud and 2-nycaps fit screw (Y) to bottom of each HBD and 1 screw to top of each HBDT2. Now fit 2-RL23 roof ties in Bay 1 and Bay 3 and 2-RL24 ties to the centre Bay 2, fit with groove at top with studs and nycaps.

9. Fit the SEB2A on the end Bay. Place in position lip to Outside (see diagram) Fix with 5-screws (Y) through holes in SEB2A into groove in RLD8A. Repeat for other side **NOTE:** SET 2 FITTED AFTER ROOF SHEET.

10. Fit 2-SJB2A roof Clamp strips **NOTE:** that the overhang shown faces in towards each other. These fit on top of each RL3A each side of roof sheet Bay 2 overhang facing the centre Fix with 5-self taps (Y) (see diagram below)

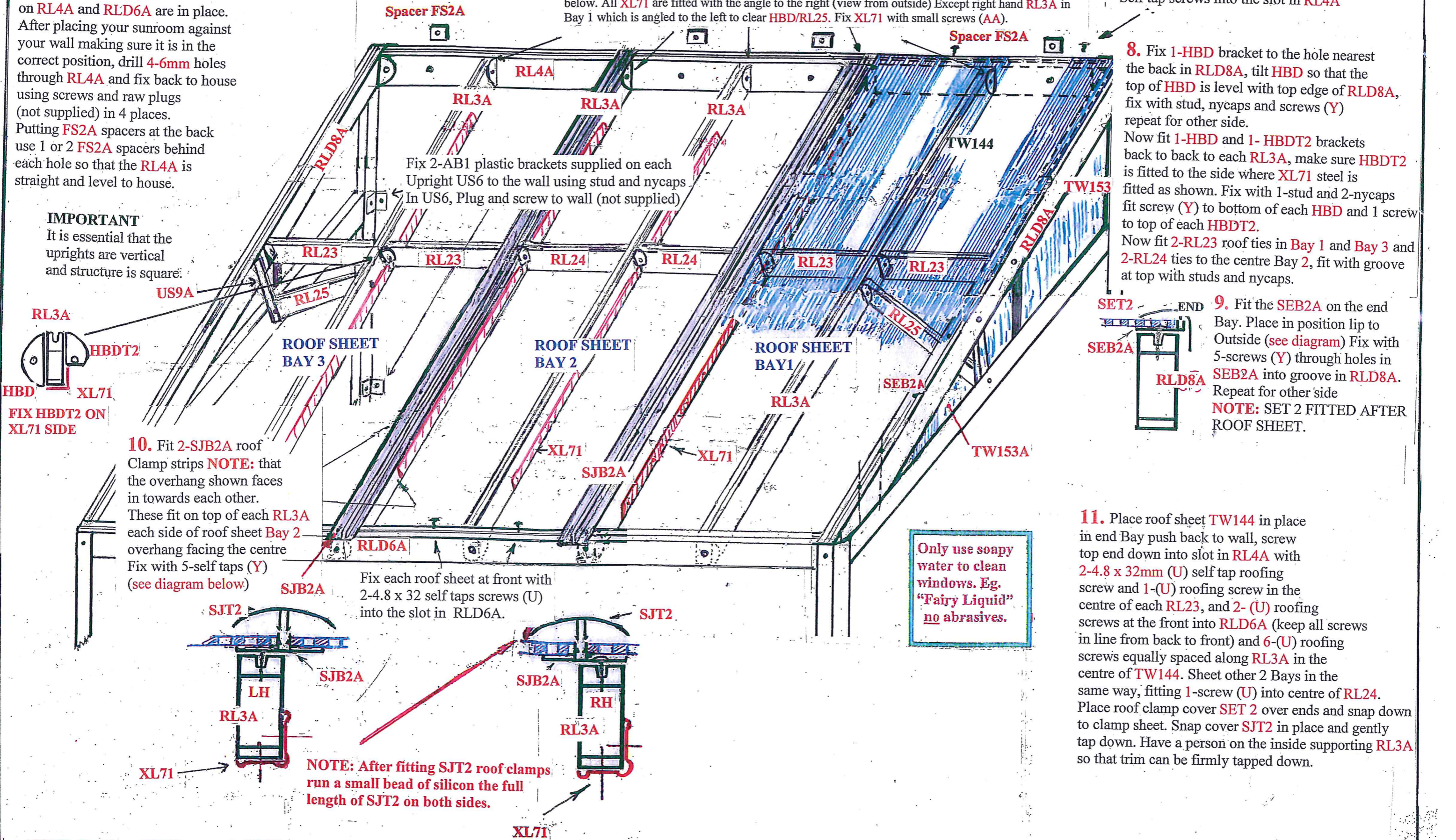
Fix each roof sheet at front with 2-4.8 x 32 self taps screws (U) into the slot in RLD6A.

11. Place roof sheet TW144 in place in end Bay push back to wall, screw top end down into slot in RL4A with 2-4.8 x 32mm (U) self tap roofing screw and 1-(U) roofing screw in the centre of each RL23, and 2-(U) roofing screws at the front into RLD6A (keep all screws in line from back to front) and 6-(U) roofing screws equally spaced along RL3A in the centre of TW144. Sheet other 2 Bays in the same way, fitting 1-screw (U) into centre of RL24. Place roof clamp cover SET 2 over ends and snap down to clamp sheet. Snap cover SJT2 in place and gently tap down. Have a person on the inside supporting RL3A so that trim can be firmly tapped down.

Only use soapy water to clean windows. Eg. "Fairy Liquid" no abrasives.

NOTE: After fitting SJT2 roof clamps run a small bead of silicon the full length of SJT2 on both sides.

NOTE: Position of XL71, screw to RL3A DO NOT OVER-TIGHTEN SCREWS



SUNROOM INSTRUCTIONS MK III SHEET 4

11a. Make up door using 2-US4, 1-RLD5A, 2-RL2, 2-IC1, 2-IG2, 2-CD7W, 1-SAN 35, 5-28mm Studs, 1-CSK 6mmx30mm Bolt, 11-Nycaps, 3-T Hinges And latch assembly.

Assemble as shown below.

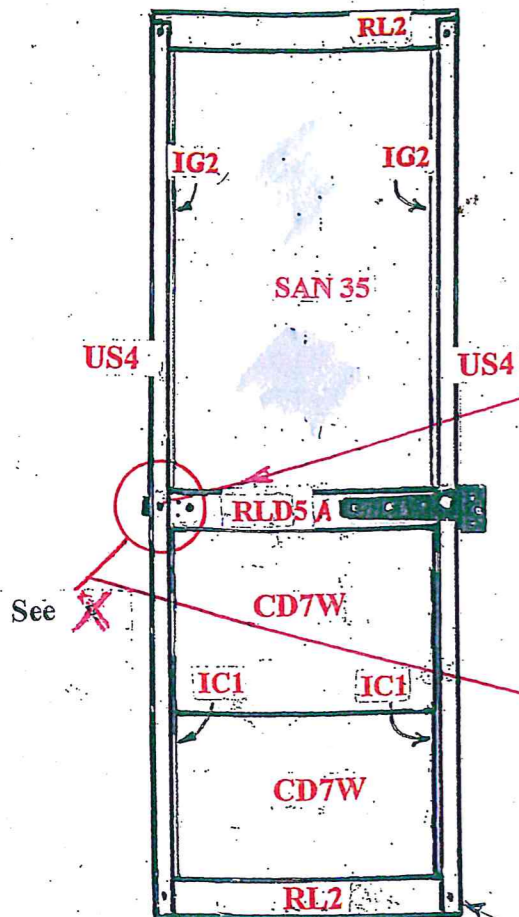
NOTE: Cut a notch of 32mm out of T6 weather trim where it passes over the door US4 on hinge side only. Use a small hacksaw or similar (see diagram 1&2 below) fit T6 weather trim to underside of top RLD6A door aperture with short leg facing down on outside. Fix with 3-4.8x19 (Y) self taps, these screw into groove in RLD6A.

If you require additional means of locking we suggest you buy 2 small bolts and fix them top and bottom.

12. Finally fix sides and front down using 2 brackets each side and 1 each side of door aperture on front equally spaced, position bracket against RLD6A/ RLD7A using 8.5mm drill bit, drill through RLD6A/ RLD7A and fix with 28mm studs (N) and nycaps (NC) and wood screws into floor.

13. FIX SIDE SUPPORTS (ONLY AFTER SUNROOM IS SQUARE AND FIXED IN POSITION)
Fix US9A to holes in RLD7A & RLD8A (RLD6A & RLD8A IF DOOR IS ON SIDE)

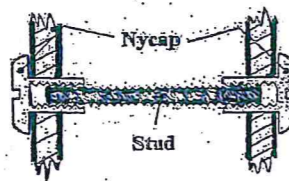
Push down on RLD8A to line up holes, fix with 2- studs (N) and 4-nycaps (NC) **NOTE:** that US9A is tilted to line up with top of RLD8A. Repeat for other side. Fix 1-HBD bracket to hole in centre of RL3A tilt bracket so that top of bracket is in line with RL3A, fix with stud, nycaps and 2-screws (Y). Repeat for other side. Fit RL25 into US9A and HBD bracket with groove in RL25 at top. Make sure RL25 is pushed fully home and lines up with bottom edge of US9A, hold RL25 and drill hole through US9A and RL25 with 8.5mm drill bit supplied. Fix with stud (N) and Nycaps (NC) now drill through hole in HBD and drill through RL25, fix with stud and nycaps. Repeat for other side:



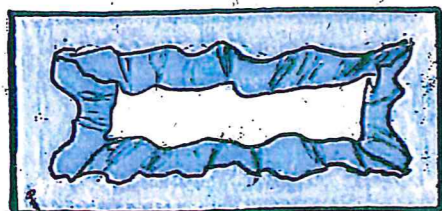
Use counter sunk 6 mm x 30mm (AC) bolt and nycap to fix RLD5A to US4 under lock assembly

Add hinges fit 28mm studs and nycaps and 3-4.8 x 19 (Y) self taps to each hinge.

X Finally fix door latch in holes provided. If lock is to be used from the outside cut slot between key holes and fit outside escutcheon over key hole, now fix keep in position using 2-self drill screws.

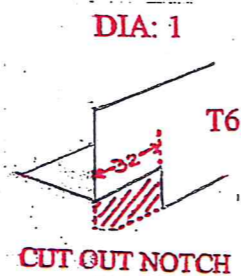


NOTE; Latch, screws and fixtures included with the handle pack

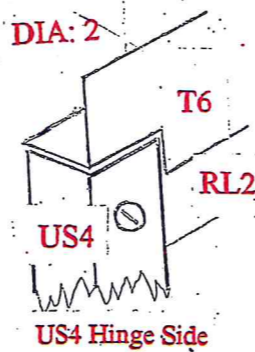


San 34, 35, 36

Peel back protective film both sides, but leave on until assembly is complete. This saves any accidental damage to sheet.

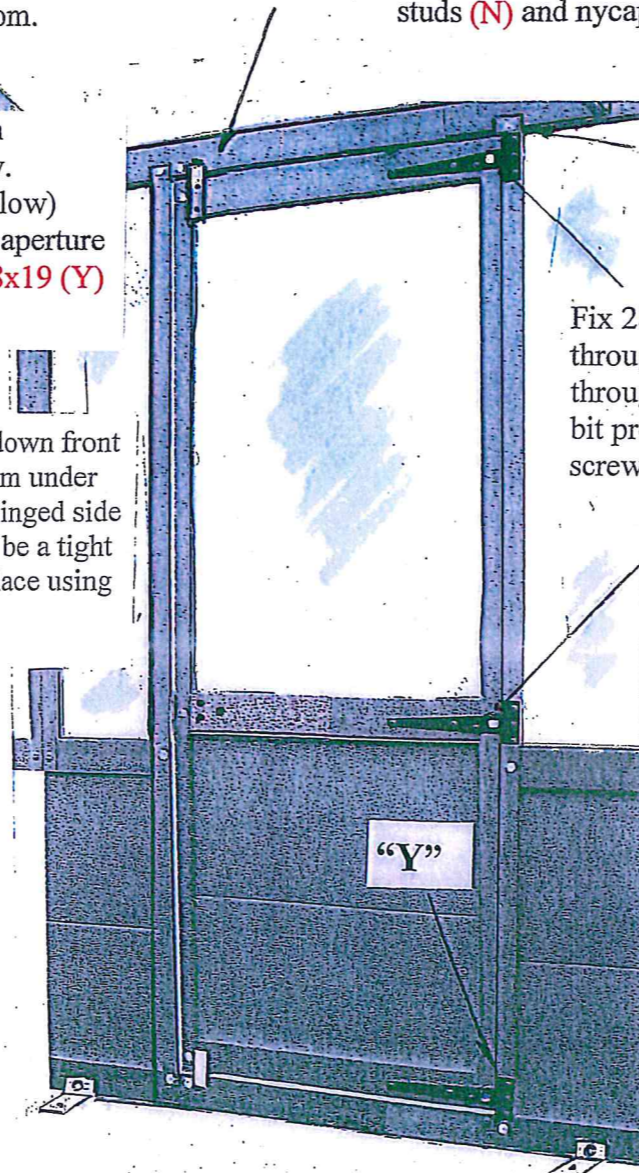


CUT OUT NOTCH



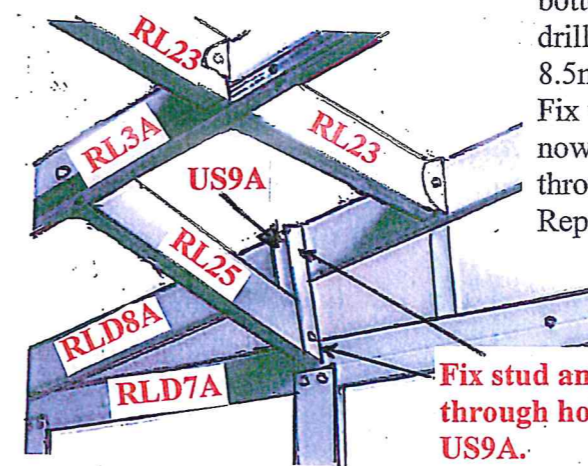
US4 Hinge Side

Put door in aperture leaving a gap down front edge and pack up leaving about 4mm under the bottom. Stand inside and hold hinged side of door close to frame. (this should be a tight fit). Now screw the 3 T hinges in place using Self tap screws. (Y)



If top hinge touches head of nycap, just file off corner to allow hinge to fit flat.

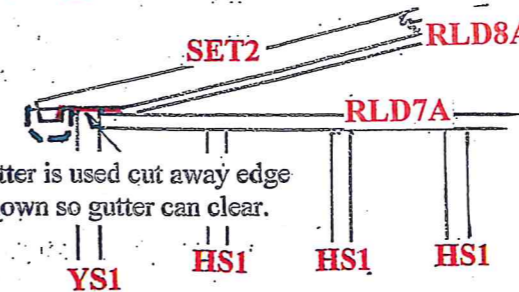
Fix 28mm studs (N) and nycaps (NC) through these holes by drilling through hinge with 8.5mm drill bit provided. Then put self tap screws in all remaining holes.



Fix stud and nycap through holes in US9A.

When sunroom is complete plug all remaining holes in RL3A, RLD6A & RLD7A, with plugs (AD) supplied

Fix AN2 weatherboard on Outside bottom of door RL2, And fix with 3-4.8x19 self taps (Y).



NOTE If gutter is used cut away edge of SET2 as shown so gutter can clear.

NOTE; Due to natural shrinkage after manufacture and in order that holes line up perfectly use 8.5 mm drill bit supplied to open up or adjust alignment when assembling sections to allow nycaps to fit in easily.



NOTE Remove protective film from both sides of San 34, 35 & 36. You can leave this until assembly is complete, then run a sharp Stanley knife blade around, alternatively peel back edges on both sides during assembly and leave until complete and pull it all off. Then apply a thin bead of white mastic supplied around outside of windows etc.

Seal back edge TW144 to wall, seal RLD6A and RLD7A floor outside and all edges of cladding and TW153 to make water tight.

DO NOT ASSEMBLE ON A WINDY DAY.