

matki | S H O W E R I N G

NEW ILLUSION - RECESS & CORNER

IRT800, 9080, 900, 1080, 1280, 1290, 1580, 1590 LH/RH

ICT800, 9080, 900, 1080, 1280, 1290, 1580, 1590 LH/RH

INSTALLATION

PARTS LIST



MATKI PLC, CHURCHWARD ROAD, YATE, BRISTOL, BS37 5PL
TELEPHONE:01454 328816 (AFTER SALES) FAX:01454 328821 EMAIL: techsupport@matki.co.uk

IMPORTANT

Before disposing of carton and/or commencing assembly, please check all the parts to ascertain none are missing and they are all undamaged. No claim for missing/damaged parts will be accepted once the packing carton has been disposed of and/or assembly has commenced.

In case of query contact your Stockist with details of model number and details of serial number.

Due to the weight of the surround we recommend that two people are available for assembly.

PREPARATION

Please read complete installation instructions before fitting.

Ensure Shower Tray is level and a successful drainage test has been completed before Tray is tiled in (see separate Tray installation instructions supplied with the Shower Tray). Tray should be let into wall with the tiling upstand face, flush with the wall to allow tiling to overlap tiling upstand. **The assembly should be installed onto water resistant wall covering and installed after the Shower Tray and desired wall coverings are in place.**

Carefully remove assembly from carton, do not place glass on hard floor or expose edges to impact.

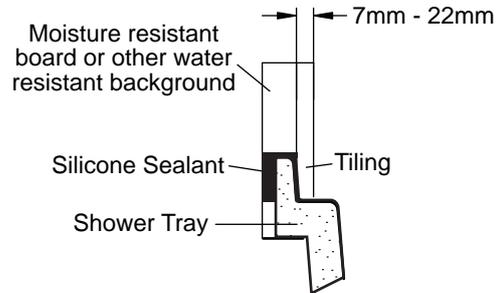
Ensure Shower Tray is level. Silicone Seal between tray and tiles. Remove any excess sealant from the area/joint between the tray and tiles where the Wall Mount will be fitted - this will ensure the Wall Mount fits correctly to the wall and tray.

CAUTION: TEMPERED GLASS CANNOT BE CUT, POLISHED METAL AND CHROME CAN BE SCRATCHED.

TOOLS REQUIRED

6mm Masonry Drill Bit, Screw Drivers, Safety Glasses, Pliers/Snips, Electric Drill, Spirit Level, Pencil.

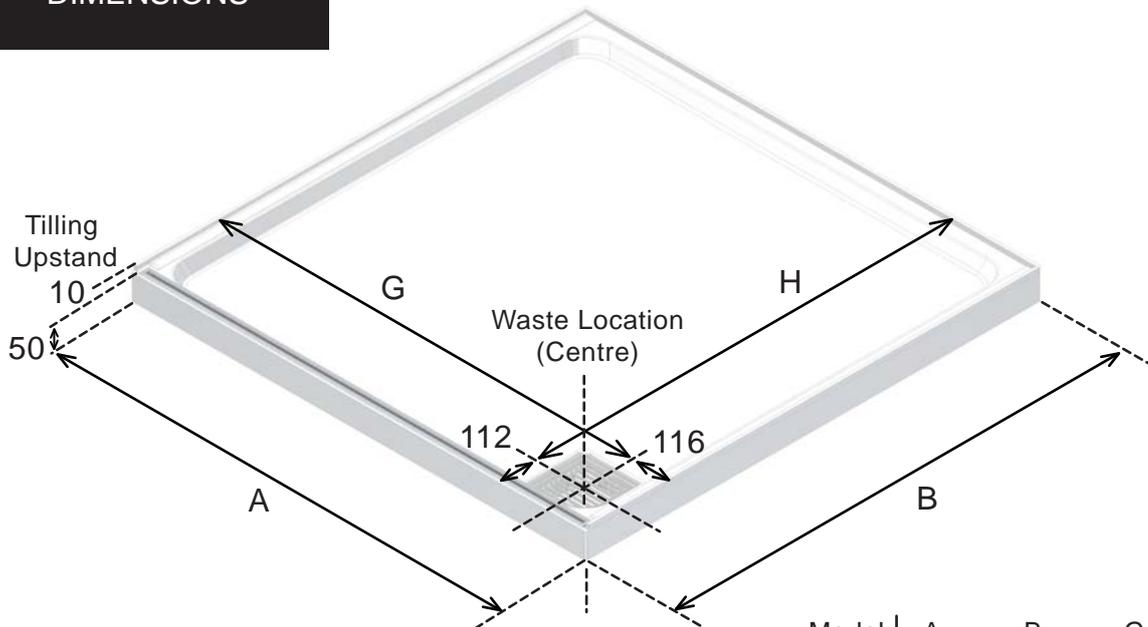
TYPICAL INSTALLATION OF SHOWER TRAY



Alternatively, bottom of wall may be cut back to allow tiling lip to be flush with wall.

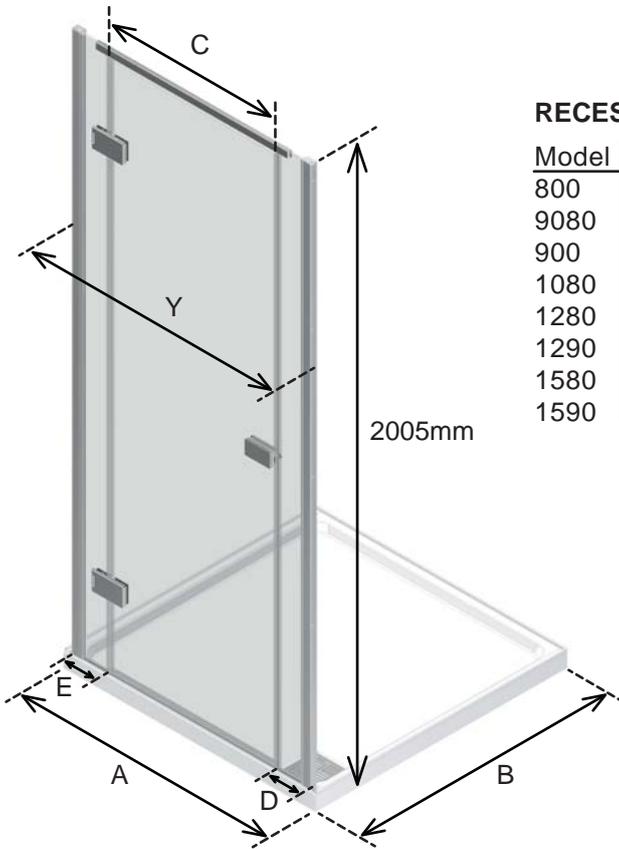
Ensure top of Shower Tray is level

DIMENSIONS



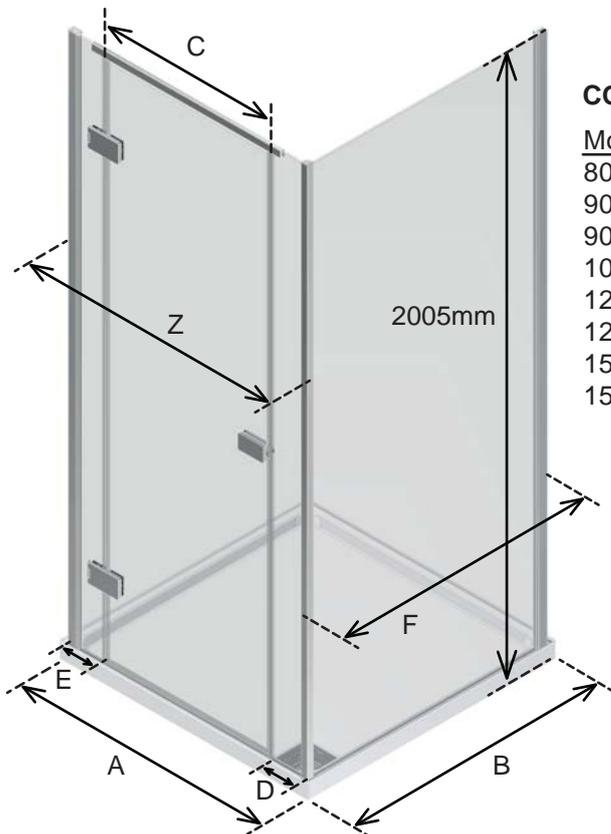
Model	A	B	G	H
800	800	800	684	687
9080	900	800	784	687
900	900	900	784	787
1080	1000	800	884	687
1280	1200	800	1084	687
1290	1200	900	1084	787
1580	1500	800	1384	687
1590	1500	900	1384	787

DIMENSIONS



RECESS

Model	A	B	C	D	E	Y
800	800	800	492	126-141	122-137	740-770
9080	900	800	592	126-141	122-137	840-870
900	900	900	592	126-141	122-137	840-870
1080	1000	800	592	126-141	222-237	940-970
1280	1200	800	592	126-141	422-437	1140-1170
1290	1200	900	592	126-141	422-437	1140-1170
1580	1500	800	592	126-141	722-737	1440-1470
1590	1500	900	592	126-141	722-737	1440-1470



CORNER

Model	A	B	C	D	E	F	Z
800	800	800	492	147	122-137	762-777	761-776
9080	900	800	592	147	122-137	762-777	861-876
900	900	900	592	147	122-137	862-877	861-876
1080	1000	800	592	147	222-237	762-777	961-976
1280	1200	800	592	147	422-437	762-777	1161-1176
1290	1200	900	592	147	422-437	862-877	1161-1176
1580	1500	800	592	147	722-737	762-777	1461-1476
1590	1500	900	592	147	722-737	862-877	1461-1476

Dimensions quoted are approximate due to nature of materials used.



LH RECESS UNIT



RH RECESS UNIT

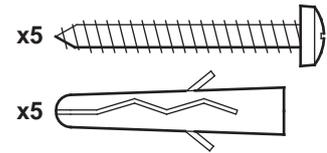
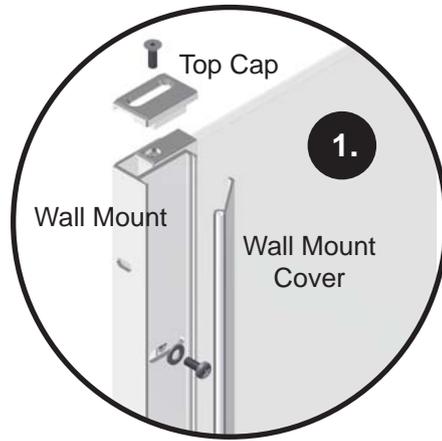


LH CORNER UNIT

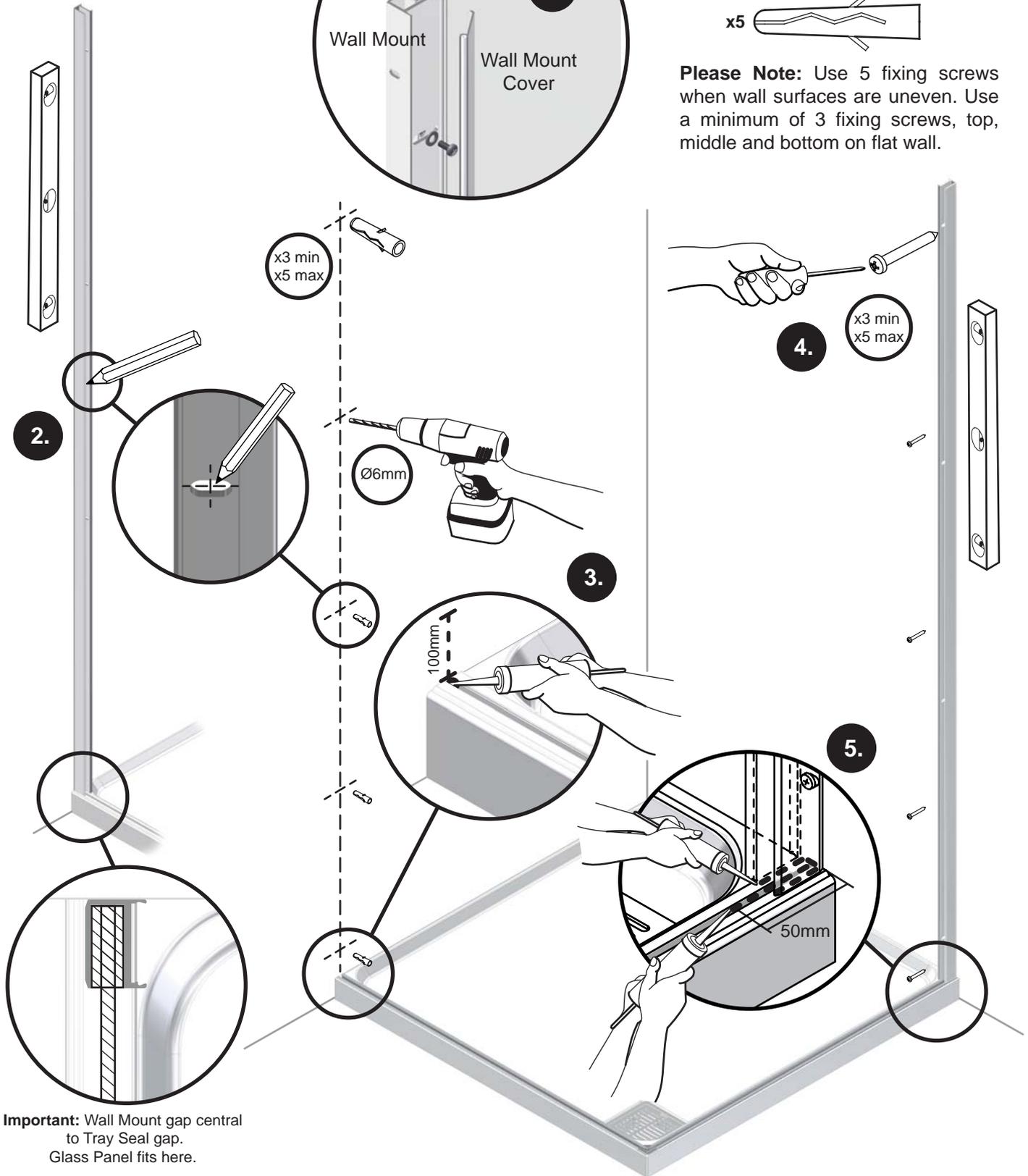


RH CORNER UNIT

STAGE 1 - CORNER



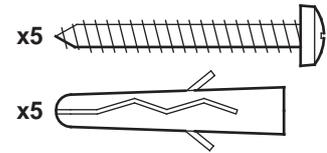
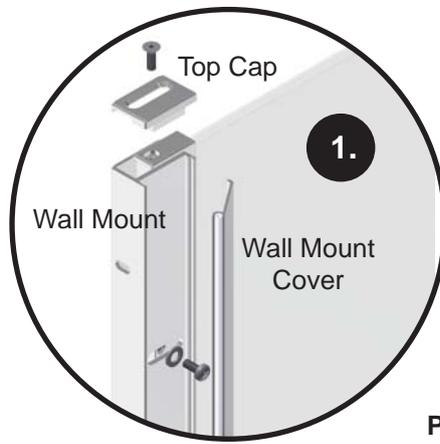
Please Note: Use 5 fixing screws when wall surfaces are uneven. Use a minimum of 3 fixing screws, top, middle and bottom on flat wall.



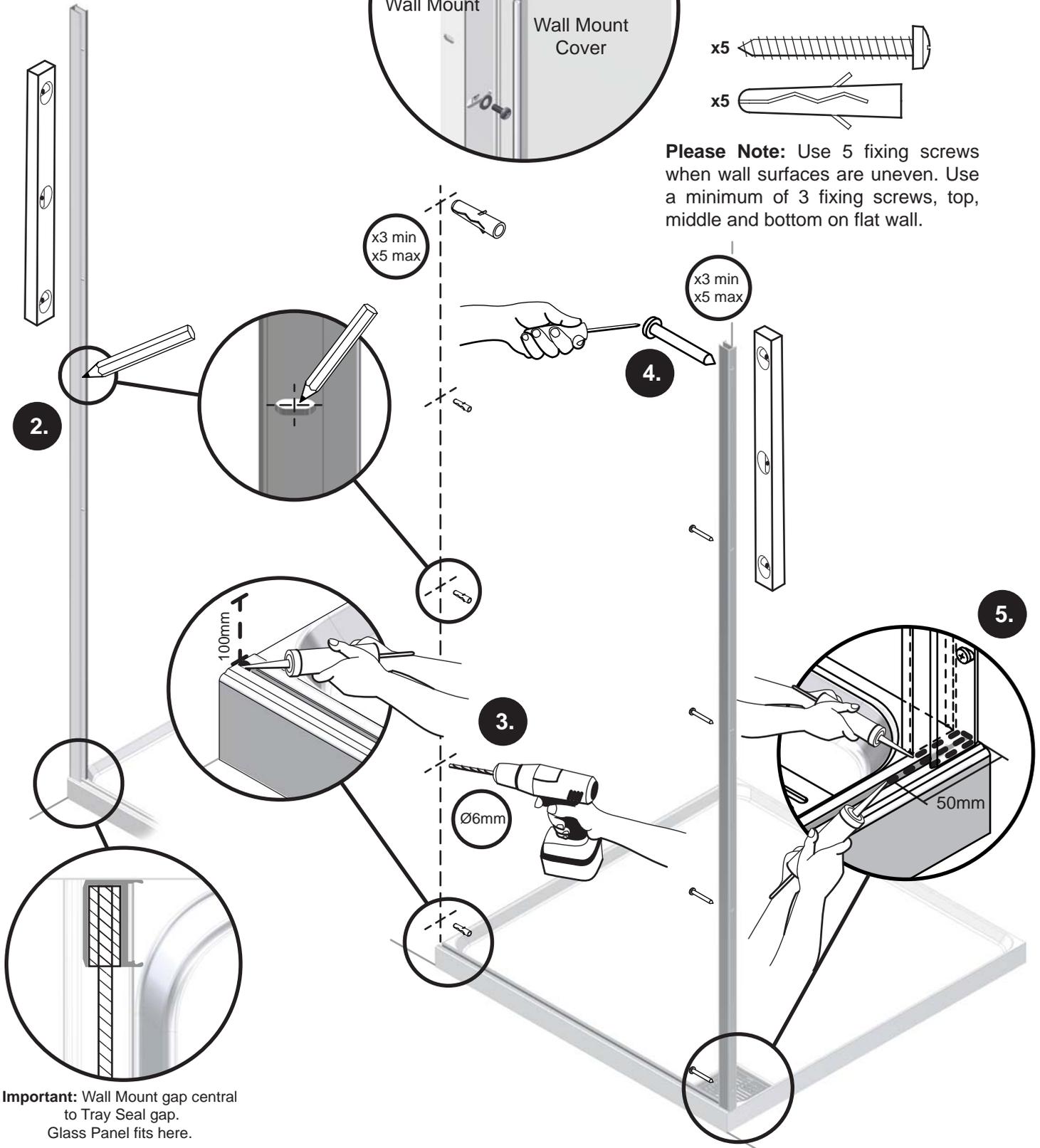
Stage 1: Fitting the Hinge Panel & Corner Panel Wall Mounts

1. Disassemble Top Cap, Wall Mount Cover and Wall Mount from both Hinge Panel and Side Panel - keep all fixings & parts safe for following stages.
2. Locate and level Wall Mount on Tray. Mark fixing locations (x3min/x5max - see notes) - ensuring Wall Mount gap is central to Tray Seal gap.
3. Drill holes and fit Wall Plugs. Clean area and silicone 10cm up from base of Wall Mount location/Tray - and into Tray Seal at this point.
4. Fasten Wall Mount and level - ensuring Wall Mount gap is central to Tray Seal gap.
5. Silicone 50mm in tray seal at Wall Mount and silicone inside base of Wall Mounts where they meet the Tray Seal.

STAGE 1 - RECESS



Please Note: Use 5 fixing screws when wall surfaces are uneven. Use a minimum of 3 fixing screws, top, middle and bottom on flat wall.

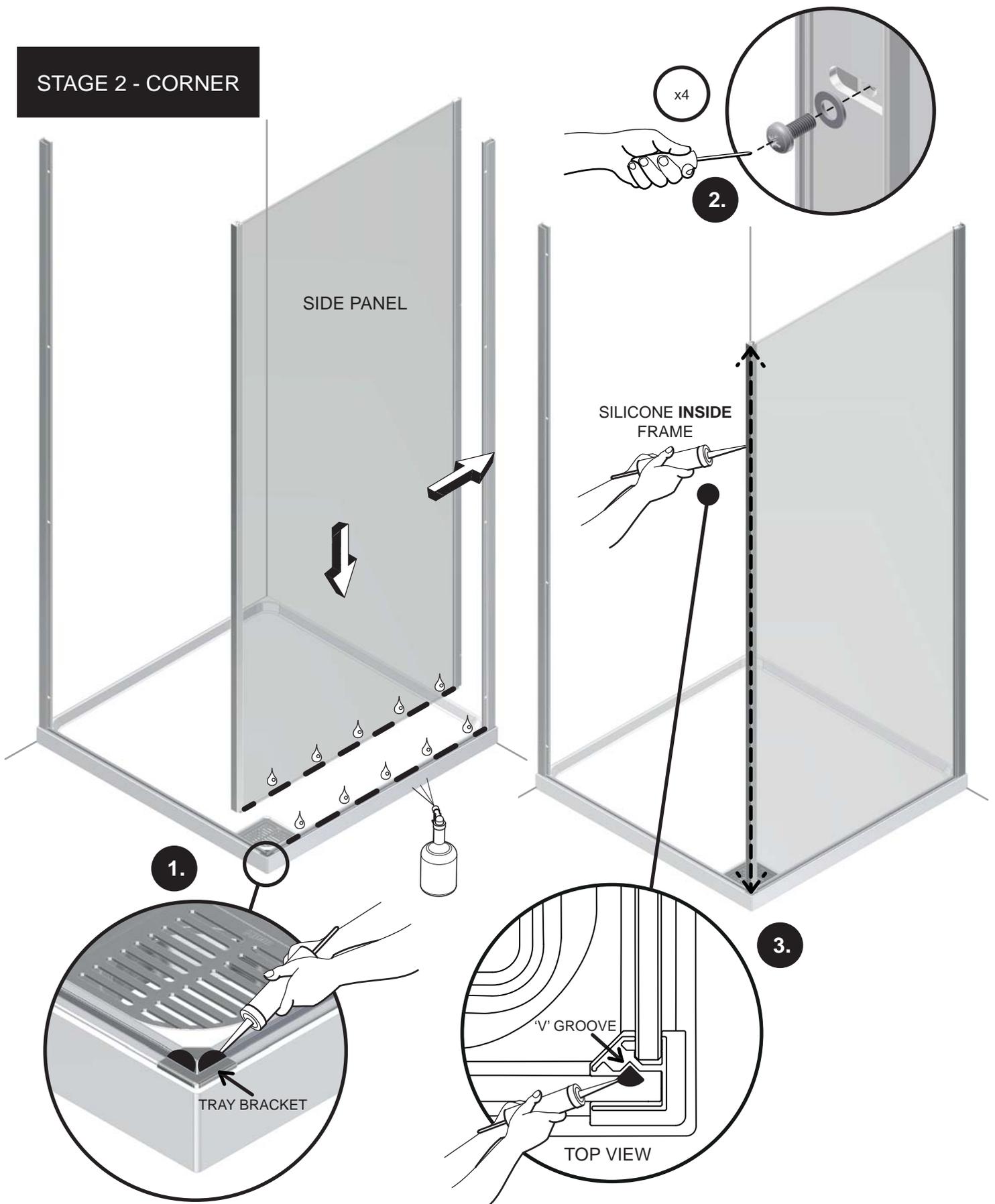


Important: Wall Mount gap central to Tray Seal gap.
Glass Panel fits here.

Stage 1: Fitting the Hinge Panel & Closure Panel Wall Mounts

1. Disassemble Top Cap, Wall Mount Cover and Wall Mount from both Hinge Panel and Closure Panel - keep all fixings & parts safe for following stages.
2. Locate and level Wall Mount on Tray. Mark fixing locations (x3min/x5max - see notes) - ensuring Wall Mount gap is central to Tray Seal gap.
3. Drill holes and fit Wall Plugs. Clean area and silicone 100mm up from base of Wall Mount location/Tray - and into Tray Seal at this point.
4. Fasten Wall Mount and level - ensuring Wall Mount gap is central to Tray Seal gap.
5. Silicone 50mm in tray seal at Wall Mount and silicone inside base of Wall Mount where they meet the Tray Seal.

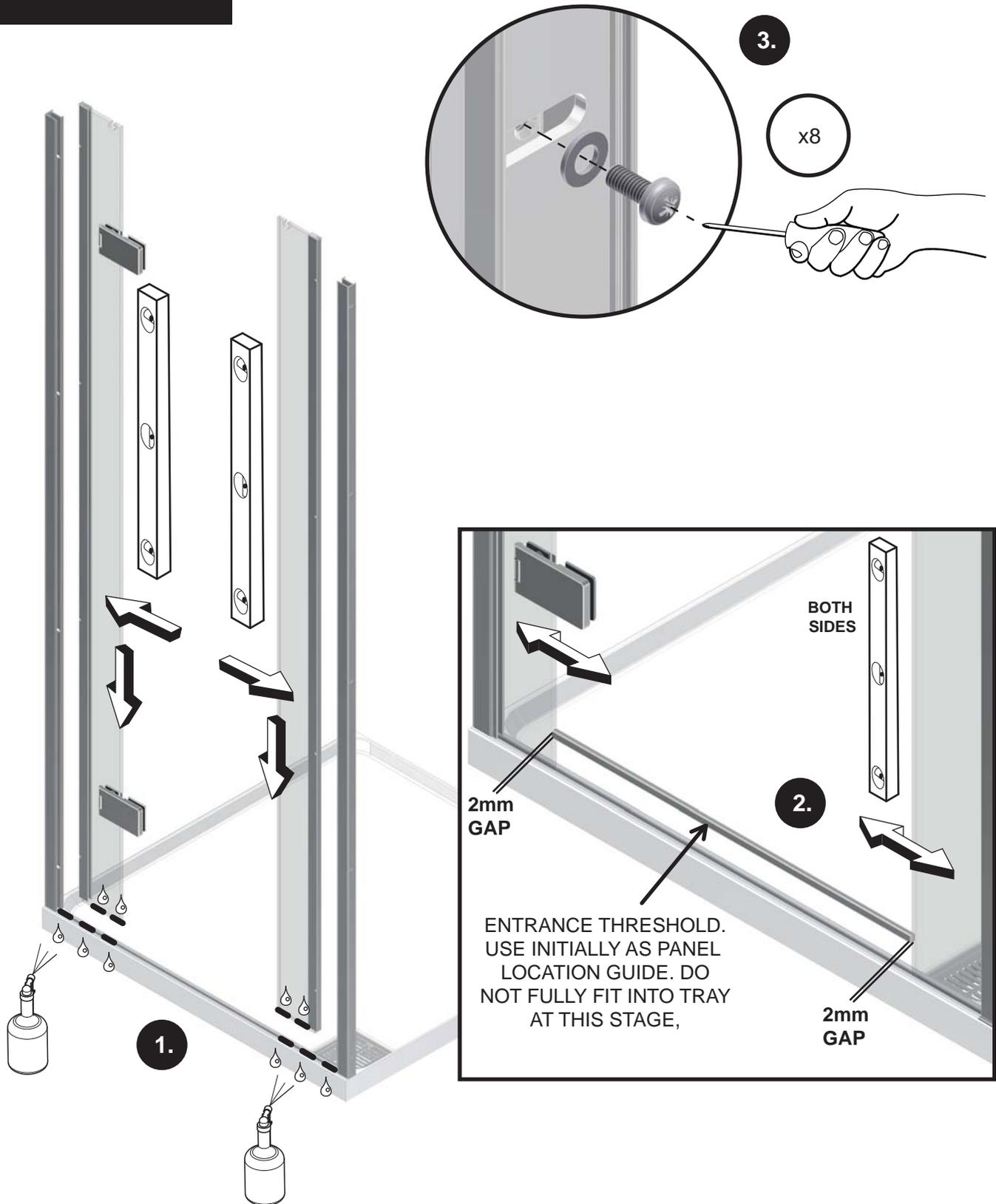
STAGE 2 - CORNER



Stage 2: Fitting the Corner Panel into Tray/Tray Seal

1. Add a 'pea' sized ball of Clear Silicone to the inside of the Corner units Tray Bracket. Moisten both Tray Seal & bottom of Side Panel to ease water tight fit into Tray Seal. Tip* - a little washing-up liquid added to water eases operation further.
2. Fasten Side Panel to the Wall Mount using M4 x 10 Pozzi Drive Screws and Washers from Stage 1.
3. Using the Clear Silicone, apply a small bead all the way up the Corner Frame - along the length of the 'V' Groove.

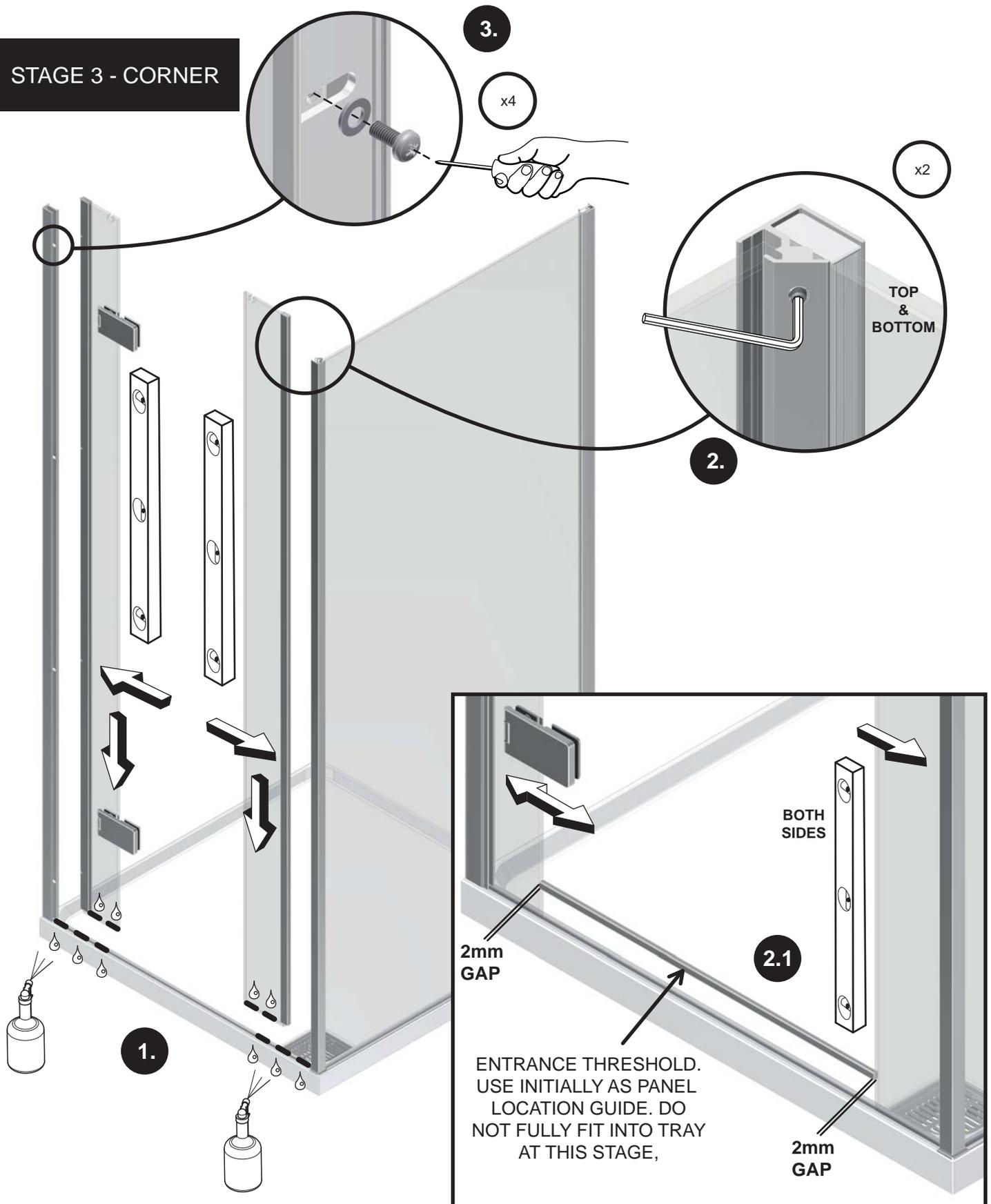
STAGE 2 - RECESS



Stage 2: Fitting the Hinge Panel & Closure Panel into Tray/Tray Seal

1. Moisten both Tray Seal & bottom of Hinge Panel & Closure Panel to ease water-tight fit into Tray Seal. Tip* - a little washing-up liquid added to water eases operation further. NOTE* Both Hinges are in fully 'up' position - ready for Hinge Adjustment - Stage 8.
2. Use the Entrance Threshold as a location guide for the Hinge Panel - ensuring a 2mm gap is left between either end of the Threshold and both Panels - the Vertical Seals will fit in this gap (Stage 5) - push/pull the panels in/out to achieve this.
3. Fasten Hinge Panel & Closure Panel into each Wall Mount using M4 x 10 Pozi Drive Screws and Washers from Stage 1.

STAGE 3 - CORNER



Stage 3: Fitting the Hinge Panel & Closure Panel into Tray/Tray Seal

- 1.** Moisten both Tray Seal, bottom of Hinge Panel & Closure Panel to ease water-tight fit into Tray Seal. Tip* - a little washing-up liquid added to water eases operation further. NOTE* Both Hinges are in fully 'up' position - ready for Hinge Adjustment - Stage 8.
- 2.** Fasten the Closure Panel into the Corner Frame - ensuring the Closure Panel is pushed fully into Corner Frame - level and fasten top & bottom using the Allen Key provided.
- 2.1.** Use the Entrance Threshold as a location guide for the Hinge Panel - ensuring a 2mm gap is left between either end of the Threshold and both Panels - the Vertical Seals will fit in this gap (Stage 5) - push/pull the Hinge Panel in/out to achieve this.
- 3.** Fasten Hinge Panel into the Wall Mount using M4 x 10 Pozzi Drive Screws and Washers from Stage 1.

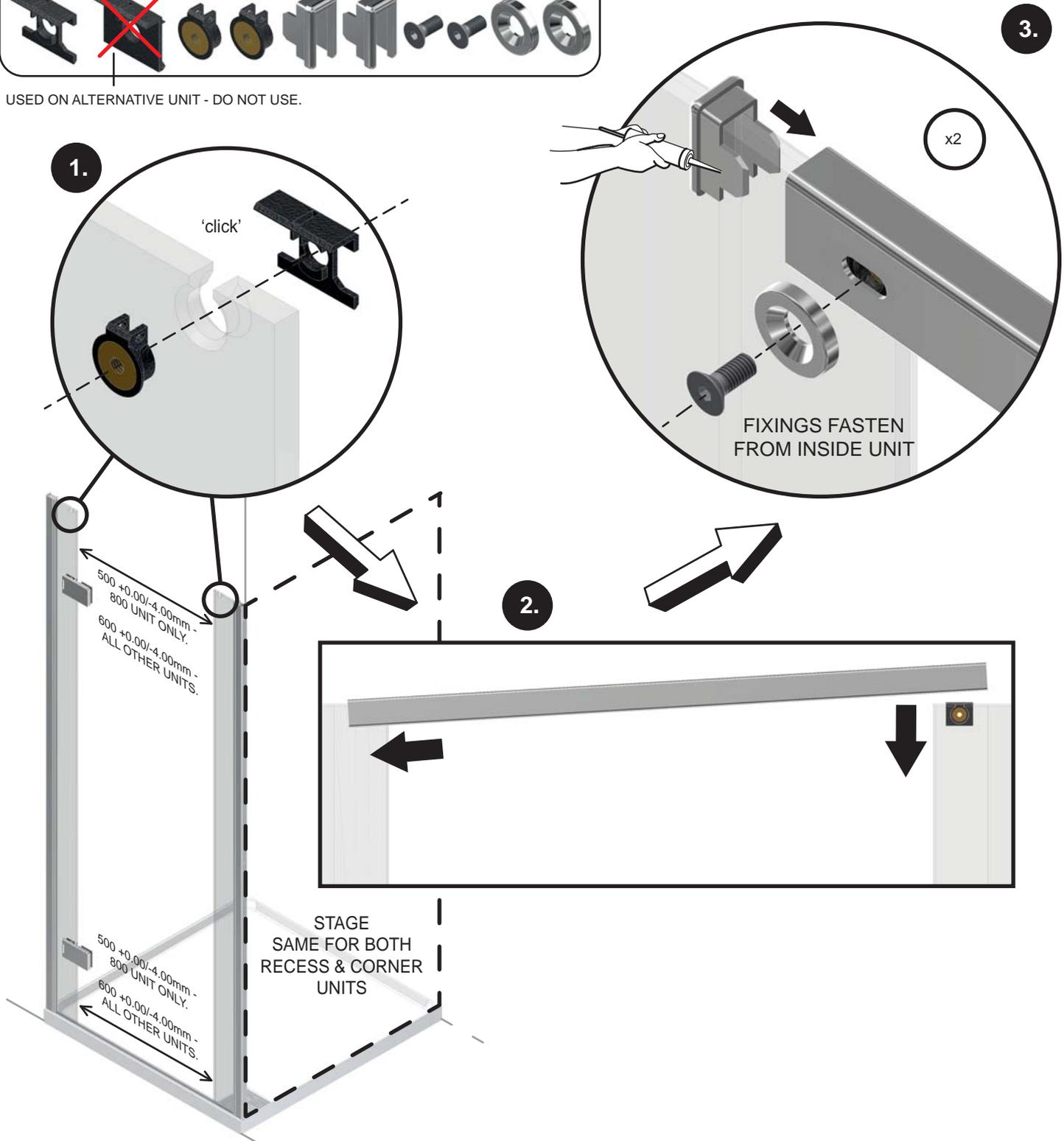
STAGE 4 - CORNER & RECESS

ILLUSTRATION SHOWS LH CORNER

ITEMS REQUIRED FROM 'KIT OF PARTS'



USED ON ALTERNATIVE UNIT - DO NOT USE.

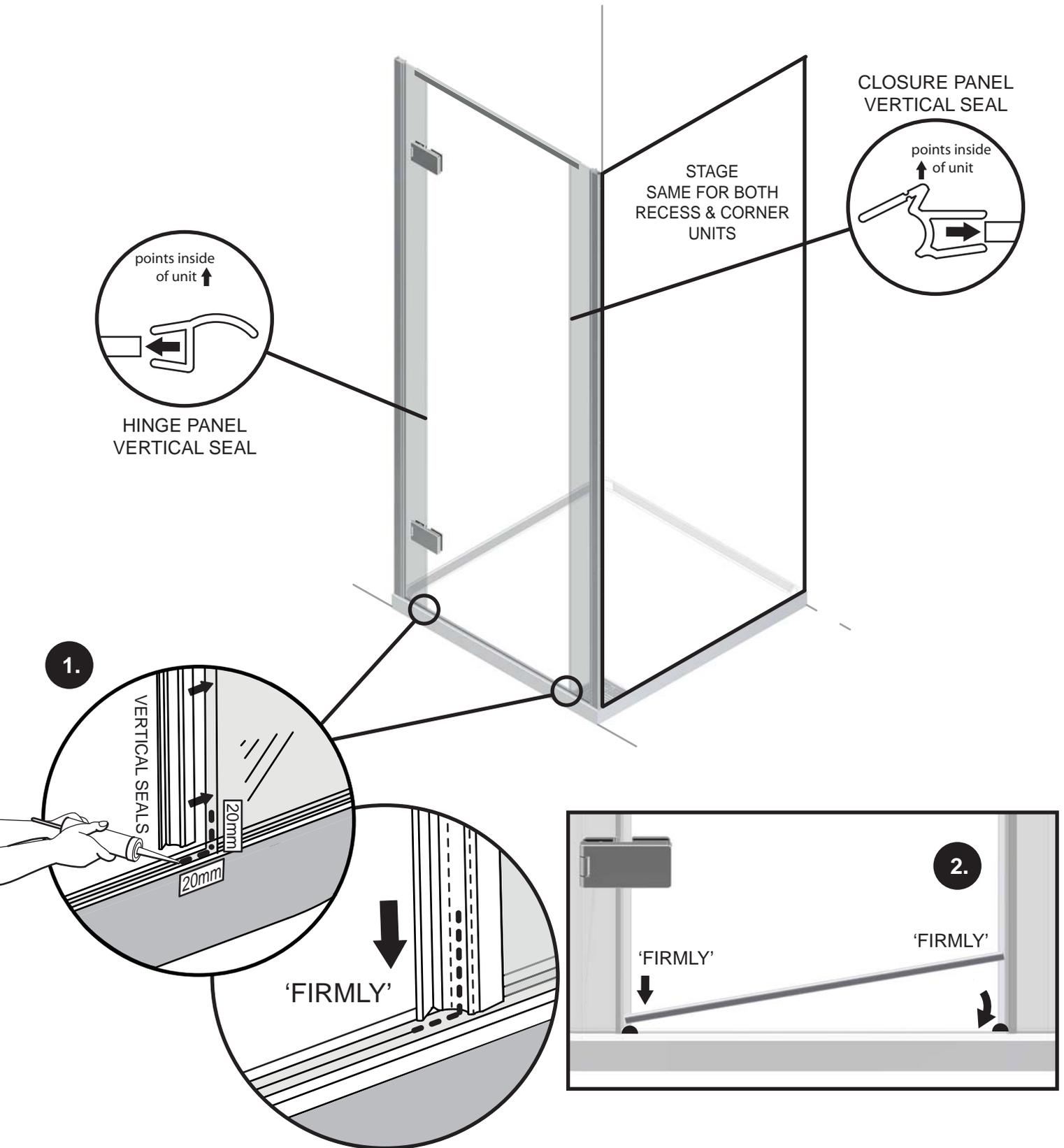


Stage 4: Fitting the Brace Bar to the Hinge Panel & Closure Panel

1. Check opening size (SEE ABOVE) - a small amount of adjustment can be made at this stage to push/pull the panels in/out of the Wall Mount (loosen, adjust and re-tighten Wall Mount Screws once satisfied). Select parts required from the Kit of Parts (see image) and push-fit the 2x Counter Sunk Glass Fixings onto the required Brace Bar Packer (see image), through each glass panel's counter sunk hole.
2. Slide and push down the Brace Bar onto the Glass Panels as shown - note* the slotted fixing holes on the Brace Bar are directed inside the enclosure.
3. Slide the two Brace Bar End Caps on the glass and into the Brace Bar - a small amount of Silicone will hold these in place if required. Fasten the remaining screw fixings & Countersunk Fixing Washer from the Kit of Parts through the Brace Bar, into the panel fixing's and tighten with Allen Key provided.

STAGE 5 - CORNER & RECESS

ILLUSTRATION SHOWS LH CORNER

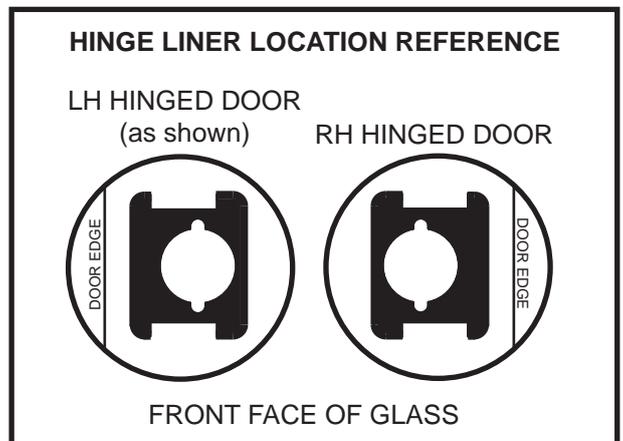
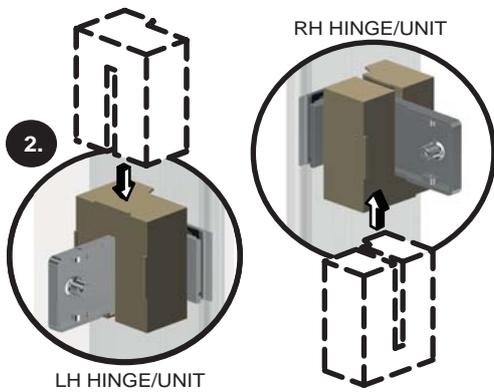
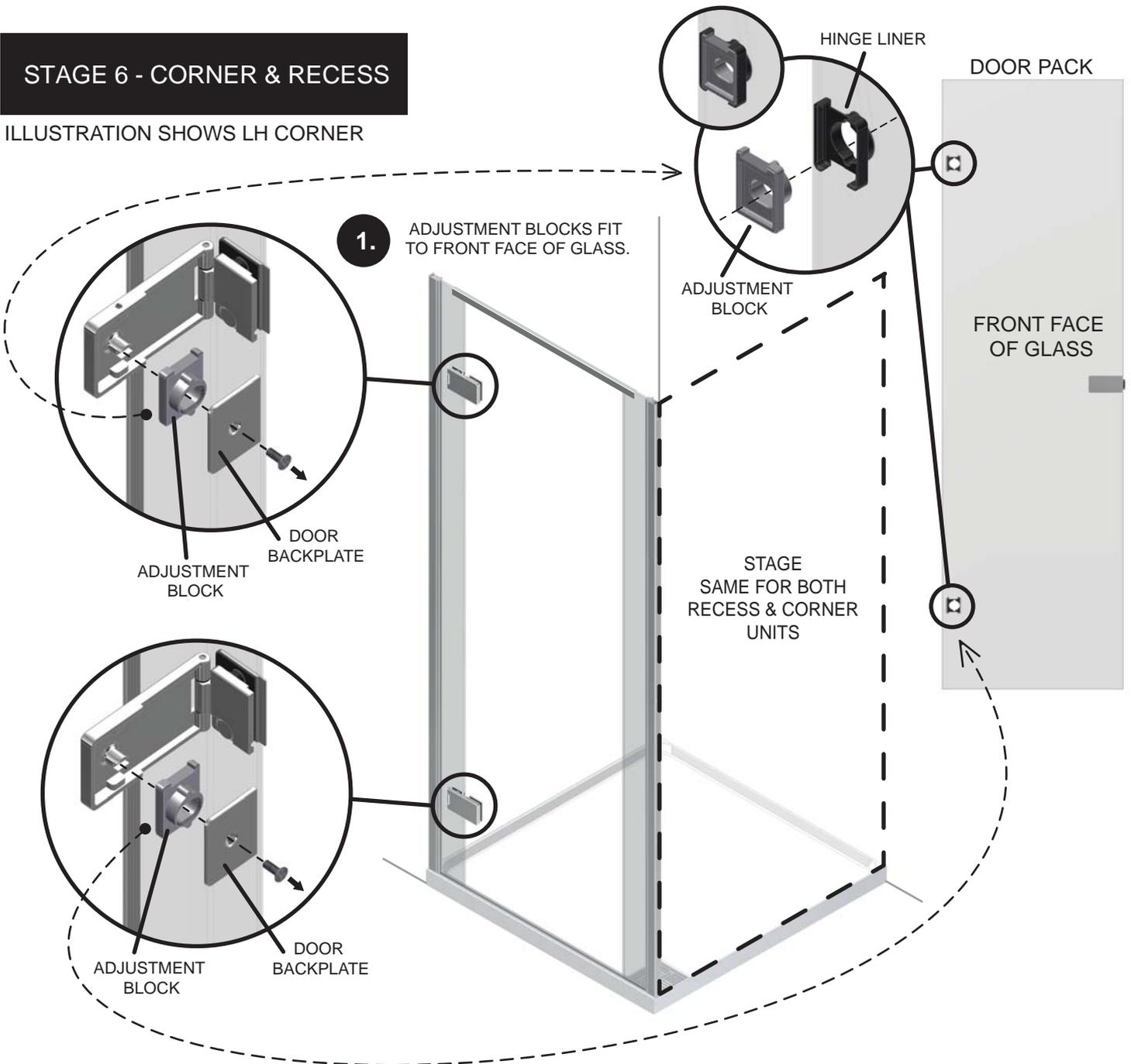


Stage 5: Fitting vertical Panel Seals (x2) and Threshold Bar

1. Silicone inside the Tray Seal groove at the ends of the fixed glass panels and 20mm up the vertical edge of the glass panels. - Ensuring you have the correct seal for correct panel in correct orientation (see illustrations) slide the seals on to the panels, push seals down onto the Tray Seal.
2. Simply align and firmly push Threshold Bar into Tray Seal - leave any excess silicone. Once cured remove silicone from front/visible areas.

STAGE 6 - CORNER & RECESS

ILLUSTRATION SHOWS LH CORNER



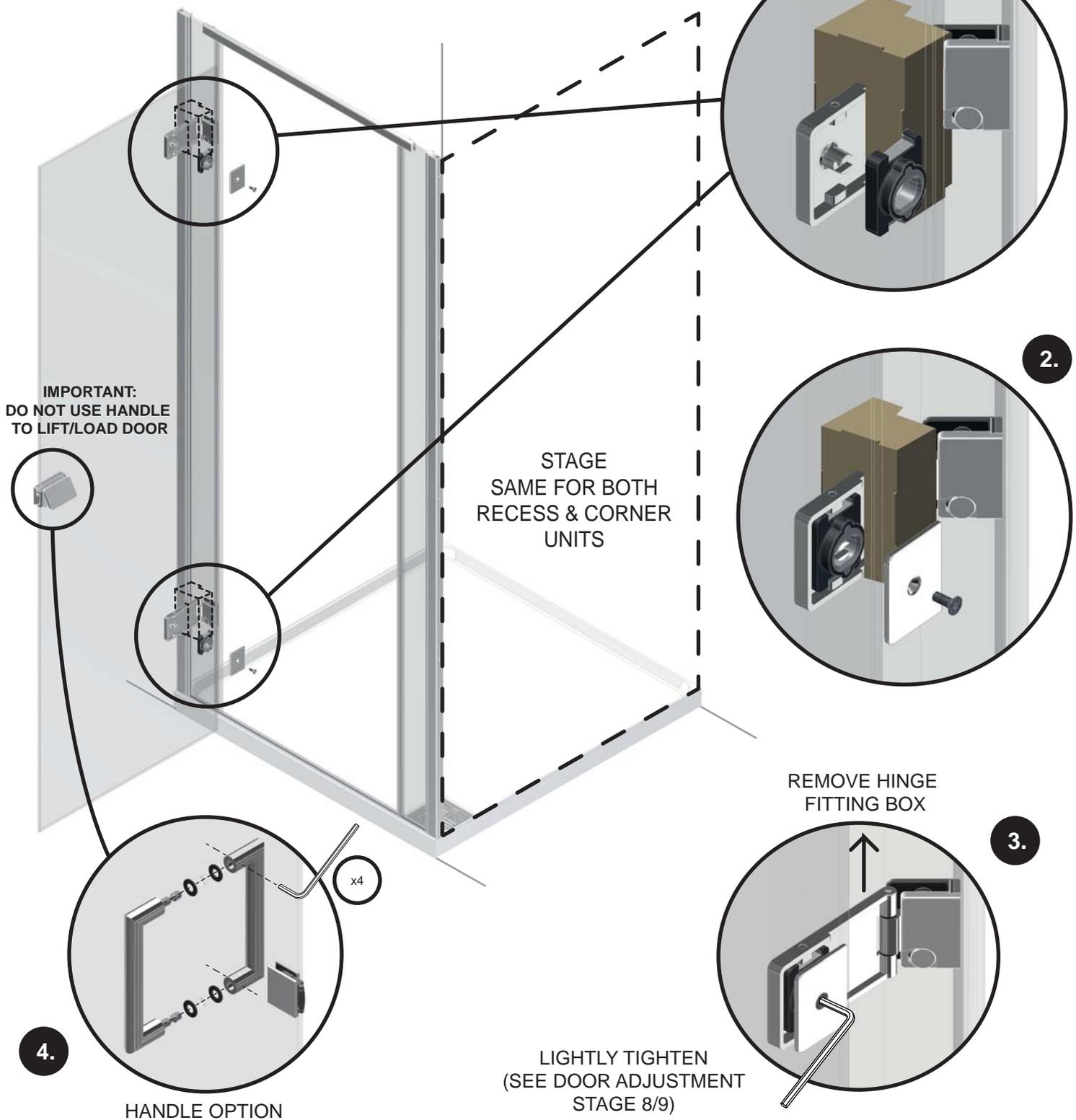
Stage 6: Hinge and Door fitting preparation

1. Remove each Door Backplate and Adjustment Block from within the Hinge assembly (see illustration 1). Push-fit each Adjustment Block onto the respective flexible rubber Hinge Liner on the door (see illustrations).
2. For ease of fitting the door - add the Cardboard Hinge Fitting Box (4634 AF x2) to the outside face of Top & Bottom Hinge - see separate instruction sheet (0976 AF) for this.

STAGE 7 - CORNER & RECESS



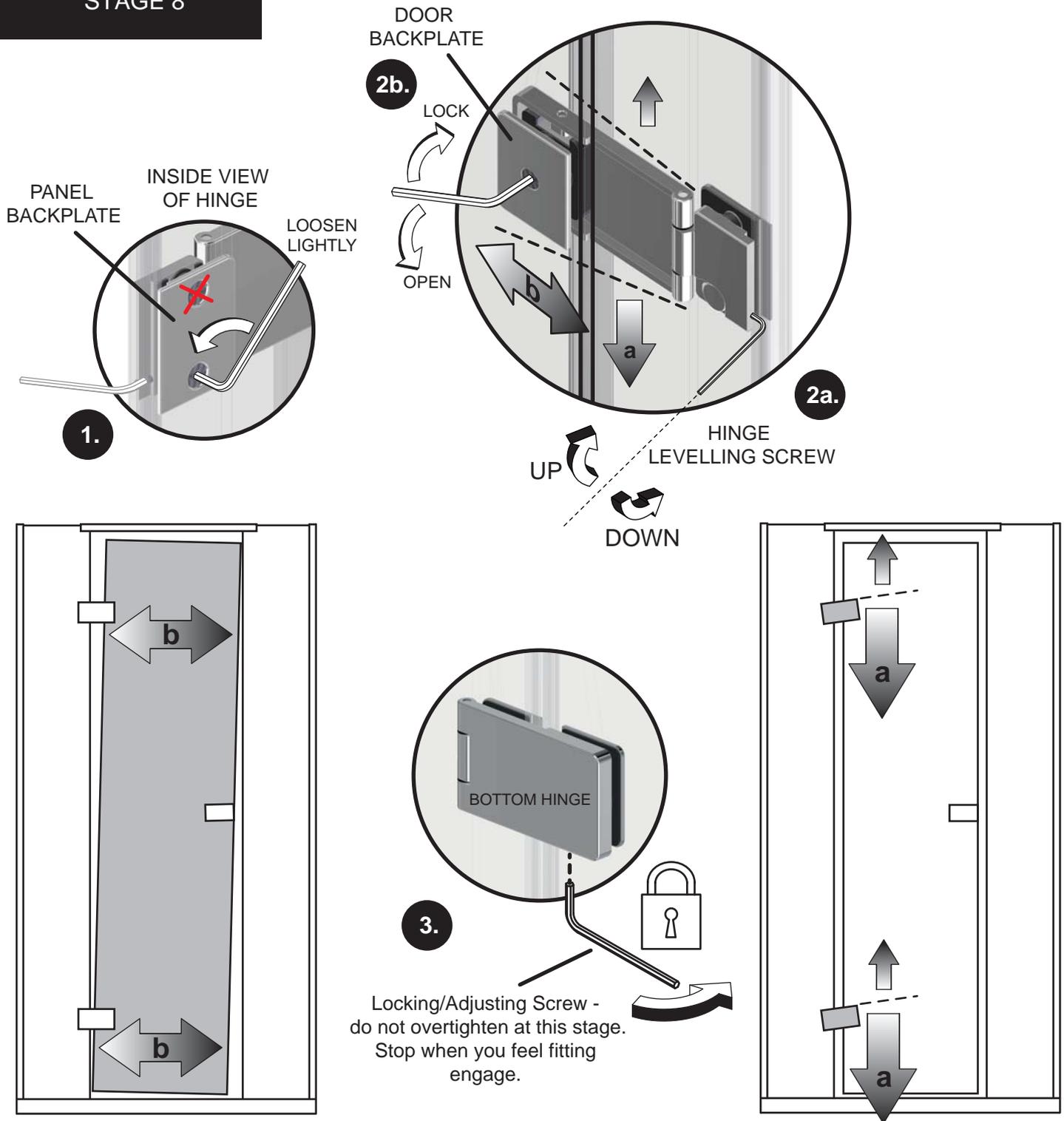
MATKI RECOMMEND TWO PEOPLE TO FIT DOOR



Stage 7: Fitting Door and alternative Handle options

1. With Hinge Fitting Box in place - carefully lift Door and align the Adjustable Block (from Stage 6) onto each internal Hinge boss.
2. Fasten the two Door Backplates onto Door/Hinge.
3. Lightly tighten the Door Backplate to secure the Hinge to the Door (for Door adjustment see Stage 8/9) - and remove the Hinge Fitting Box (box will be crushed unless removed from Hinge).
4. If the Door has the Bar Handle - fit at this Stage.

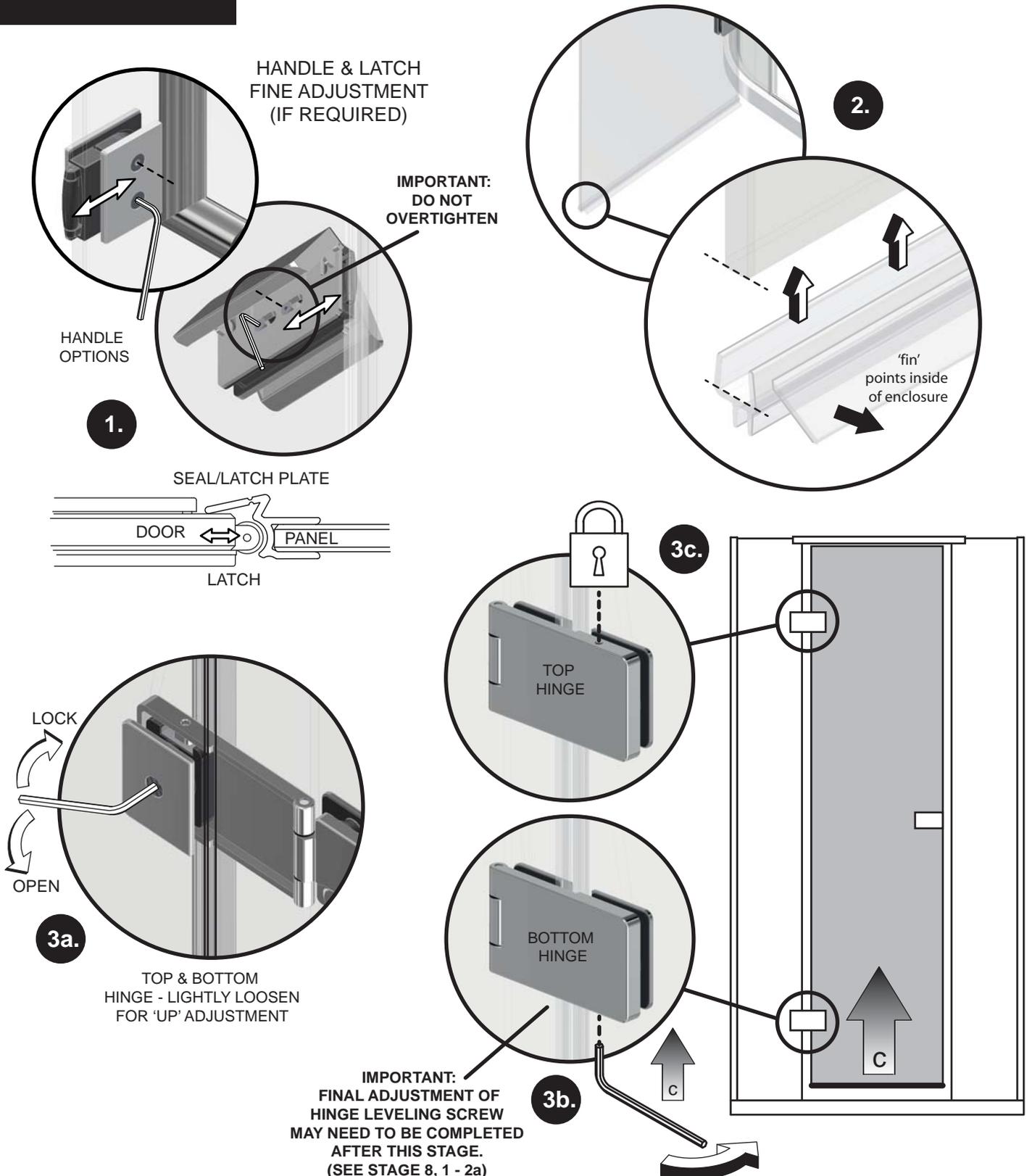
STAGE 8



Stage 8: Door adjustment & Hinge leveling

- 1. NOTE*** Hinge has been factory set in 'up' position. From inside the unit, lightly loosen the **BOTTOM SCREW ON BOTH PANEL BACKPLATES**.
- 2a.** With the door ajar - adjust Hinge Leveling Screw **DOWN** until Hinges are level. Wind **UP** to adjust hinge back up if required. Always visually check if Hinges are level with Door in 'closed' position. When satisfied, tighten the bottom screw on the Panel Backplate - do this on both Top & Bottom Hinges.
- 2b.** The Door can be adjusted left/right on either Hinge - to adjust the distance between either edge of the Door Glass and the Vertical Seals to improve sealing and Latch closure. Lightly loosen the Door Backplate Screw and slide Door back/forward to suit, and re-tighten screw.
- 3.** Lock off the Bottom Hinge (**BOTTOM HINGE ONLY AT THIS POINT**) - stop when you feel the Locking/Adjusting Screw engage. This can be used for further adjustment to lift the Door (see Stage 9). If no adjustment up is required - lock off Top Hinge (see Stage 9 - 3c).

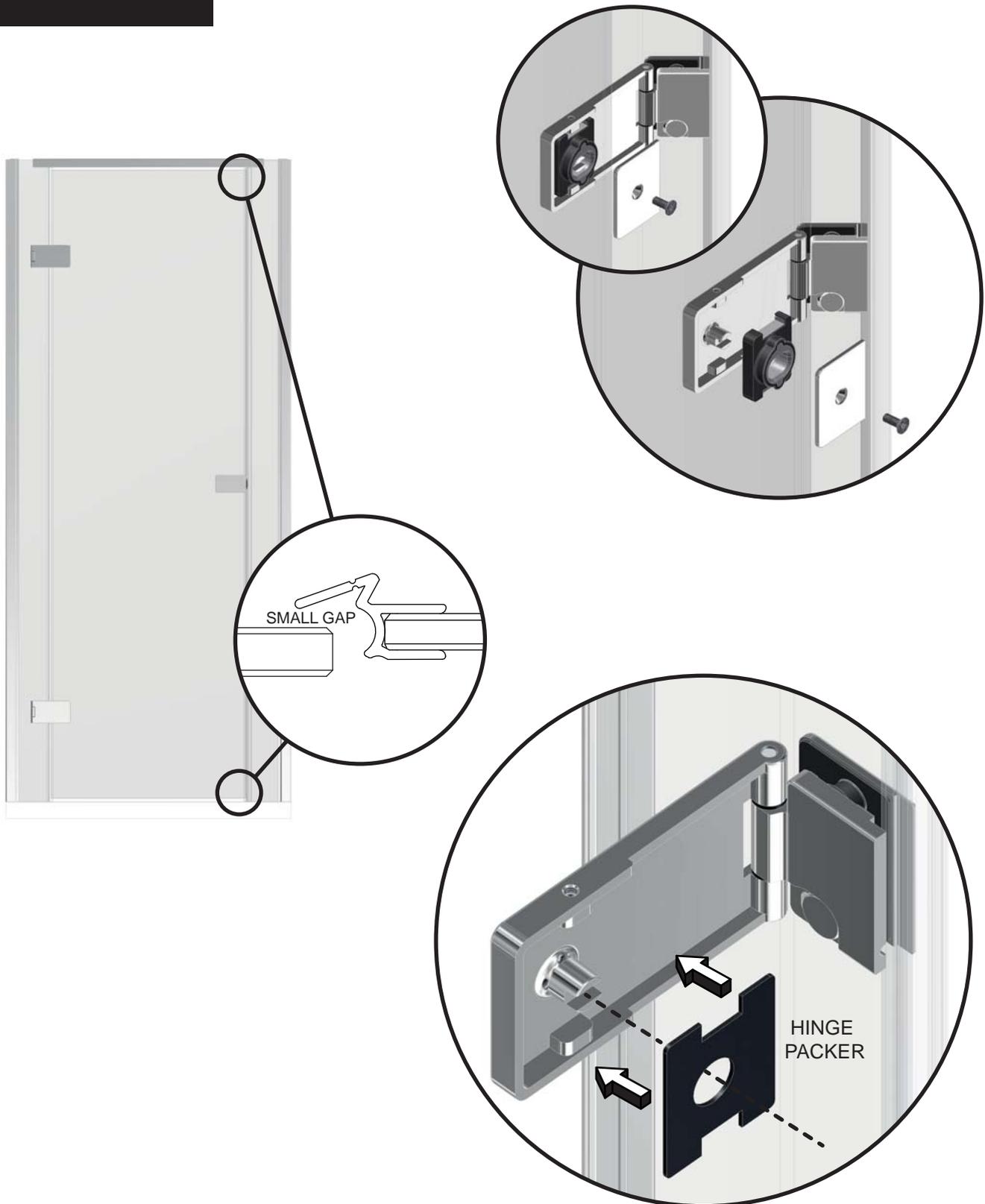
STAGE 9



Stage 9: Adjusting the Door 'up' if required

- 1.** To further improve Latch closure the Handle/Latch (depending on handle option) can be adjusted in/out - see illustrations - **do not overtighten** as this may affect the 'soft return' movement of the standard handle.
- 2.** Fit Threshold Seal onto bottom of Door - assess closure. If adjustment 'up' is required continue to 3a.
- 3a.** Lightly loosen Door Backplate on both Hinges.
- 3b.** Wind fixing towards the Door to adjust Door 'up'. Once desired height is achieved, fully lock off Door Backplate on both Hinges (3a). Adjusting the Door up may have affected the Hinge leveling - simply adjust the Hinge Leveling Screw (Stage 8, 1 to 2a) on **both Hinges** to re-level them.
- 3c.** Lock off Top Hinge.

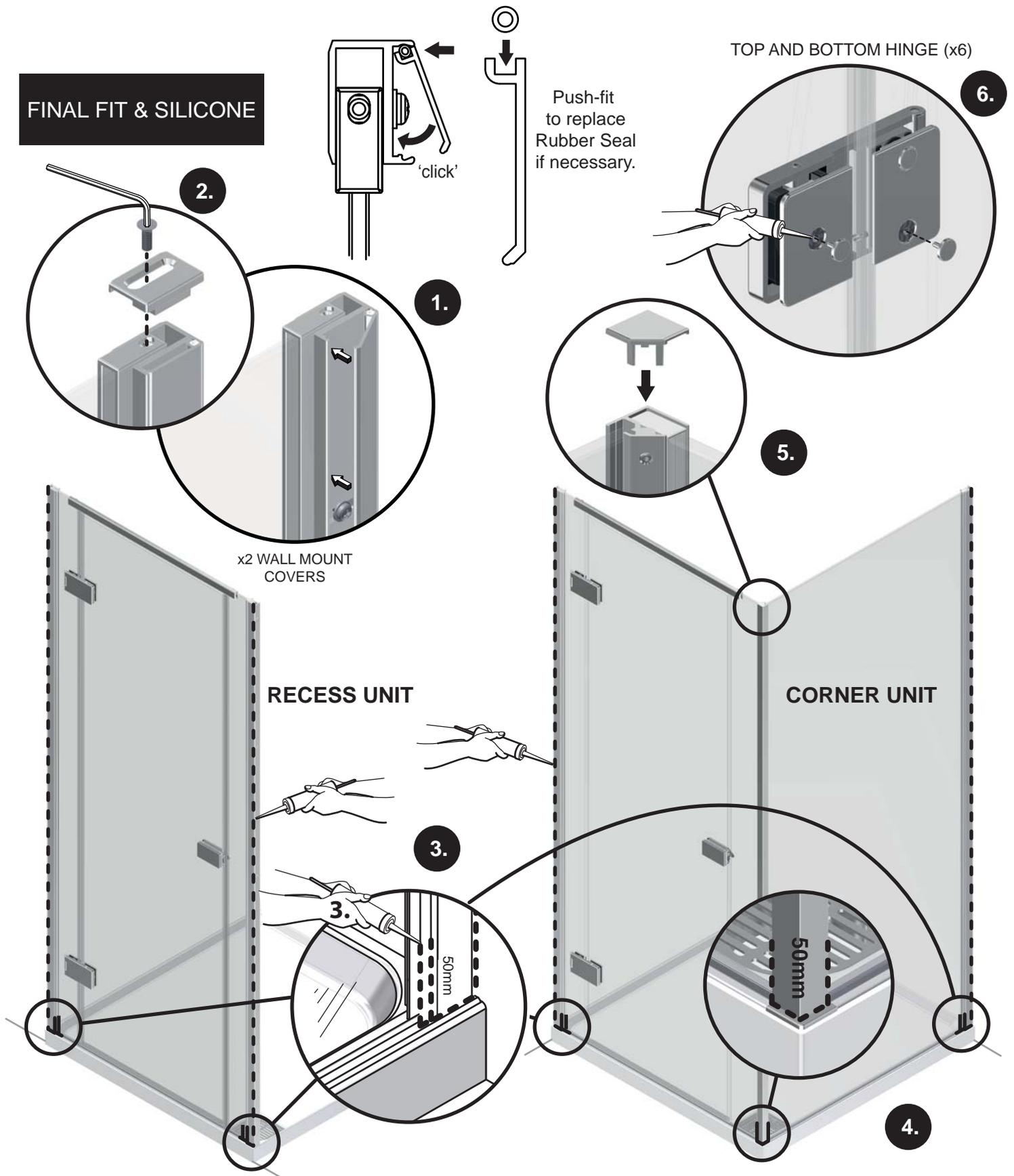
TROUBLESHOOTING



Troubleshooting

1. Occasionally - due to tolerances out of Matki's control - the Door requires extra adjustment to create a superior closure, this is done with the addition of the Hinge Packer. Determine if this is required on either Top & Bottom Hinges by checking the Door closure against Seal at the top, bottom or both areas (1).
2. Remove Door by reversing Stages 8-6.
3. Add Hinge Packer (from Kit of Parts) to desired Hinge/Hinges - peel off paper backing and place in Hinge. Repeat stages 6-8 to complete Door assembly prior to moving onto Final Fit & Silicone stage.

FINAL FIT & SILICONE

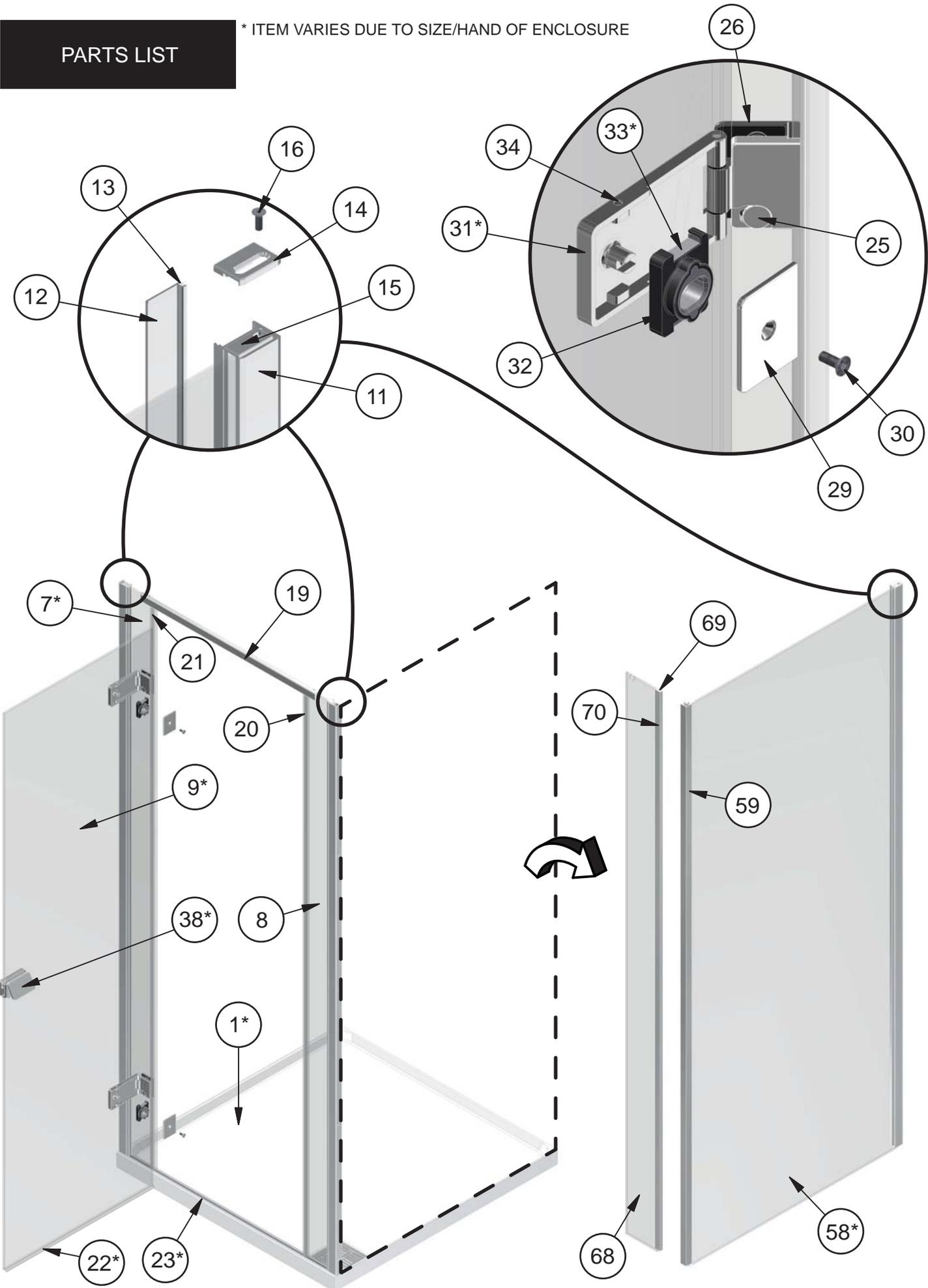


Final Fit & Silicone

1. Fit Wall Mount Covers from Stage 1 to both Wall Mounts.
2. Fix Top Caps from Stage 1 to the top of both Wall Mounts.
3. Apply a thin bead of silicone all the way up the outside of both Wall Mounts - between the Wall Mount and the tiles. Finally silicone along the bottom edge of both Wall Mounts - where the Wall Mount meets the Tray - and approximately 50mm up the joints in each Wall Mount.
4. Apply a thin bead of silicone on the outside to the joint between the tray corner cap and corner frame. Also apply silicon 50mm up the joints between the corner frame and glass panels.
5. Fit the corner frame top cap.
6. Push-fit the Fixing Covers from the Kit of Parts to the back face of the Hinge on the inside of the Enclosure - you may find you need to trim these with snips/pliers to fit or add a small amount of Silicone to hold them in place - once fitted these cover up adjustment screws, so ensure all adjustment required is complete.

PARTS LIST

* ITEM VARIES DUE TO SIZE/HAND OF ENCLOSURE

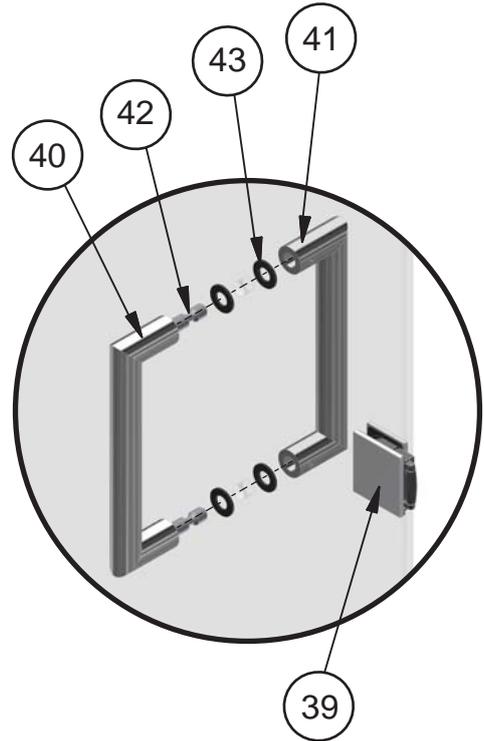


CORNER PANEL - FOR CORNER UNIT ONLY

PARTS LIST

TRADITIONAL CHROME HANDLE OPTION

PARTS LIST			
ITEM	DESCRIPTION	PART No.	QTY
1*	RECESS/CORNER TRAY		1
2*	8mm TRAY SEAL	2355 UNFAB	1
3	SQUARE TRAY GRILL	7491 A SILVER	1
4	SQUARE WASTE FLANGE	5861 A SILVER	1
5	SQUARE THREADED WAIST FLANGE	5957 A SILVER	1
6	SHOWER TRAP ASSEMBLY	LPW90	1
7*	HINGE PANEL	8104 M CLEAR/PLAIN	1
8	RECESS CLOSURE PANEL	8102 M CLEAR/PLAIN	1
9*	DOOR GLASS	8109 M CLEAR/PLAIN	1
10	WALL MOUNT 'H' SECTION	6362 A SILVER	2
11	135 WALL MOUNT	6360 A SILVER	2
12	WALL MOUNT COVER	6361 A SILVER	2
13	SILICONE RUBBER TUBING	1704 AF	2
14	WALL MOUNT TOP CAP	5833 A SILVER	2
15	'H' SECTION TOP CAP	5832 A SILVER	2
16	M4 x 12 CSK SKT SCREW	1517 A SILVER	2
17	M4 x 10 POZI DRIVE	1246 A SILVER	8
18	WASHER	1914 AF	8
19*	STAINLESS STEEL BRACE BAR	6395 A SILVER	1
20	RECESS/CORNER CLOSURE SEAL	8824 CLEAR	1
21	RECESS/CORNER HINGE PANEL SEAL	8825 CLEAR	1
22*	DOOR SEAL (NOTCHED)	8827 CLEAR	1
23*	RECESS/CORNER THRESHOLD	6366 A SILVER	1
24*	HINGE ASSEMBLY*		
25	ADJUSTABLE FASTENING 1	6405 AF	2
26	PANEL BACKPLATE & GASKET	6400 A SILVER + 7764 AF	2
27	SPECIAL FIXING 2	6407 AF	4
28	HEX SKT SET SCREW	1298 A SILVER	2
29	DOOR BACKPLATE + GASKET	6401 A SILVER + 7765 AF	2
30	SPECIAL FIXING 1	6406 AF	2
31*	LH TOP & RH BOTTOM FRONT HINGE PLATE	6428 A SILVER	1
32	HINGE ADJ BLOCK LINER	6409 BLACK	4
33*	ADJUSTMENT BLOCK (LH SIDE)	6403 AF	2
34	M5 x 10 SOCKET SET SCREW	1467 A SILVER	2
35	Hex Socket Set Screw Dog Point	1308 A SILVER	2
36*	RH TOP & LH BOTTOM FRONT HINGE PLATE	6429 A SILVER	1
37*	HANDLE		
38*	SOFT RETURN HANDLE (LH)	6160 AF	1
39	LATCH ASSEMBLY		
40	LC FRONT HANDLE	2620 A SILVER	1
41	LC INSIDE HANDLE	2621 A SILVER	1
42	LC HANDLE CONNECTOR	1778 AF	2
43	LC HANDLE WASHER	2411 BLACK	4
44	M5 x 6 SOCKET SET SCREW	1502 A SILVER	4
45	KIT OF PARTS	6161 AF	1
46	HINGE PACKER	6086 BLACK	2
47	CSK GLASS FITTING	6414 BLACK	2
48*	6mm BRACE PACKER	6413 BLACK	1
49*	8mm BRACE PACKER	6412 BLACK	2
50	BRACE BAR END CAP	6416 A SILVER	2
51	TOP TRACK FITTING	6415 AF	2
52	SCREW COVER	6411 A SILVER	6
53	CSK SKT SCREW	1411 A SILVER	2
54	WALL PLUG	1818 AF	10
55	No8 x 32 PAN HEAD SCREW	1471 A SILVER	10



71* - CORNER PANEL KIT OF PARTS



CORNER PANEL PARTS LIST			
ITEM	DESCRIPTION	PART No.	QTY
56	WALL MOUNT 'H' SECTION	6362 A SILVER	1
57	H' SECTION TOP CAP	5832 A SILVER	1
58*	LOW PROF ILL CORNER SIDE PANEL	8100 M CLEAR/PLAIN	1
59	CORNER PANEL EXTRUSION	6367 A SILVER	1
60	HEX SKT SET SCREW	1360 A SILVER	2
61	135 WALL MOUNT	6360 A SILVER	1
62	WALL MOUNT COVER	6361 A SILVER	1
63	SILICONE RUBBER TUBING	1704 AF	1
64	WALL MOUNT TOP CAP	5833 A SILVER	1
65	M4x12 CSK SKT SCREW	1517 A SILVER	1
66	WASHER	1914 AF	4
67	M4 x 10 POZI PAN	1246 A SILVER	4
68	CORNER CLOSURE PANEL	8103 M CLEAR/PLAIN	1
69	CORNER PANEL 'H' SECTION TOP CAP	5837 A SILVER	1
70	CORNER PANEL 'H' SECTION	6363 A SILVER	1
71*	LH CORNER PANEL KIT OF PARTS	6156 AF	1
72	LH CORNER UNIT - PANEL TOP CAP	5835 A SILVER	1
73	WALL PLUG	1818 AF	5
74	No x 32 PAN HEAD SCREW	1471 A SILVER	5

45 - STANDARD KIT OF PARTS



MAINTENANCE

Matki Glass Guard Easy Clean Surface Protection (optional) and General Cleaning Guide

Cleaning Instructions

Matki Glass Guard allows water to form minute beads which easily trickle off the surface of the glass. This makes the glass easier to clean - the glass does not need to be cleaned as frequently, but it does require occasional maintenance. As less cleaning is required the use of detergents can be minimised thus helping to protect the environment. The lifespan of the Matki Glass Guard is dependant on the frequency of use of the shower and the degree of water hardness.

The combination of alkaline materials and humidity affects glass in an extremely aggressive way. Do not use bleach, alkaline, acid-based or aggressive and abrasive glass cleaners, detergents or household cleaning products on the glass or frames.

We recommend that glass is washed down with clean water and a soft clean cloth or sponge and dried off with a microfibre cloth.

The special coating is only present on the inside of the glass.

Matki Glass Guard is guaranteed for 2 years provided that the guidelines and cleaning instructions are followed.

Aluminium and Chrome parts should be cleaned with a mild non scratch household cleaner and a soft cloth or sponge.

Do not use acidic-based descaler products or products which are unsuitable for cleaning enamelled surfaces, including abrasive cleaners or cleaners containing bleach or solvents, as the products will effect the anodised framework. Under no circumstances use cleaners with a pH level exceeding 8.

Matki does not recommend the use of 'Leave-on' shower cleaners on Matki Glass Guard Products.

Water Softeners and Glass Guard - Certain types of water softeners increase the alkalinity of the water due to a carry-over of Chloride during re-generation which can cause aggressive water spots on both untreated and Glass Guarded glass. If using a water softener we recommend a two-cylinder machine with automatic re-generation instead of a timer.

If a single-cylinder water softener with timer is already installed it is recommended that after each shower excess water is removed from the glass with a squeegee or with a micro-fibre cloth.



Wash down with clean warm water and a soft clean cloth or sponge.



Do not use bleach, alkaline or acid-based, aggressive or abrasive cleaning products.

Flash Bathroom Spray or Cif Bathroom Spray can be used on Matki Products.

Various specialist cleaning and glass dressing products are available from Ritec International Ltd Tel. 020 8344 8210 or www.ritec.co.uk.

Matki Plc is not connected with Ritec International Ltd in any way and the contact details are supplied for information only. Read manufacturers label before using any cleaning materials.

IMPORTANT

Matki Glass Guard is guaranteed for 2 years. It is essential that the cleaning instructions are followed in order to maintain the hydrophobic properties of the glass coating. In the event of the failure to comply in any way with these instructions, any warranty or guarantee will be null and void.

MATKI PLC, CHURCHWARD ROAD, YATE, BRISTOL, BS37 5PL
TELEPHONE:01454 328816 (AFTER SALES) FAX:01454 328821 EMAIL: techsupport@matki.co.uk

CE

matki | SHOWERING

13

Matki PLC, Churchward Road, Yate,
Bristol BS37 5PL

EN 14428:2008+A1