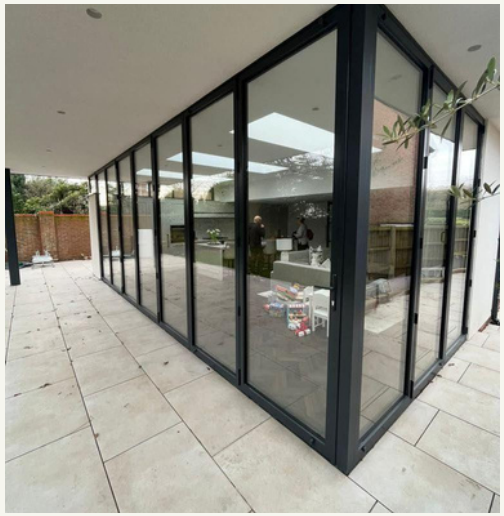
Installation, Operation and Maintenance Manual

Value doors®






Make an entrance with Value Doors




Why Value Doors?

Thank you for choosing Value Doors for your folding sliding door purchase.

We want to ensure you have a great experience with our product. The operating manual we've designed will guide you through the installation process and provide information on maintenance, warranty, and aftercare.

We are committed to providing you with complete and accurate information. If you ever need repairs or assistance, we are here to help. We appreciate your business and are always available to assist you.

Value doors®

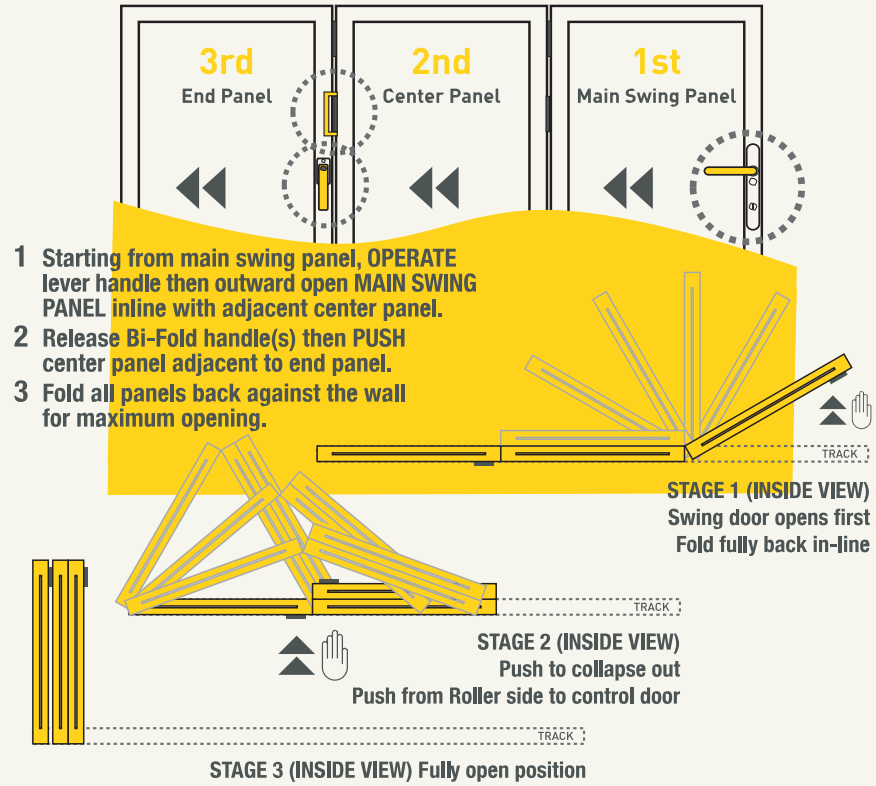
If this document doesn't cover everything, you need to know. Make sure to reach out to our customer service. You can contact us at customerservice@valuedoors.co.uk or call us at 020 4587 8300

Opening Instructions

How to operate (folding)

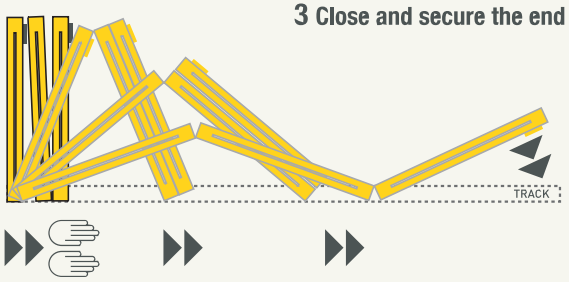
LEFT HAND STACKING OUTWARD OPENING

Important; Remove keys prior to folding open



HOW TO CLOSE YOUR BI-FOLD DOOR

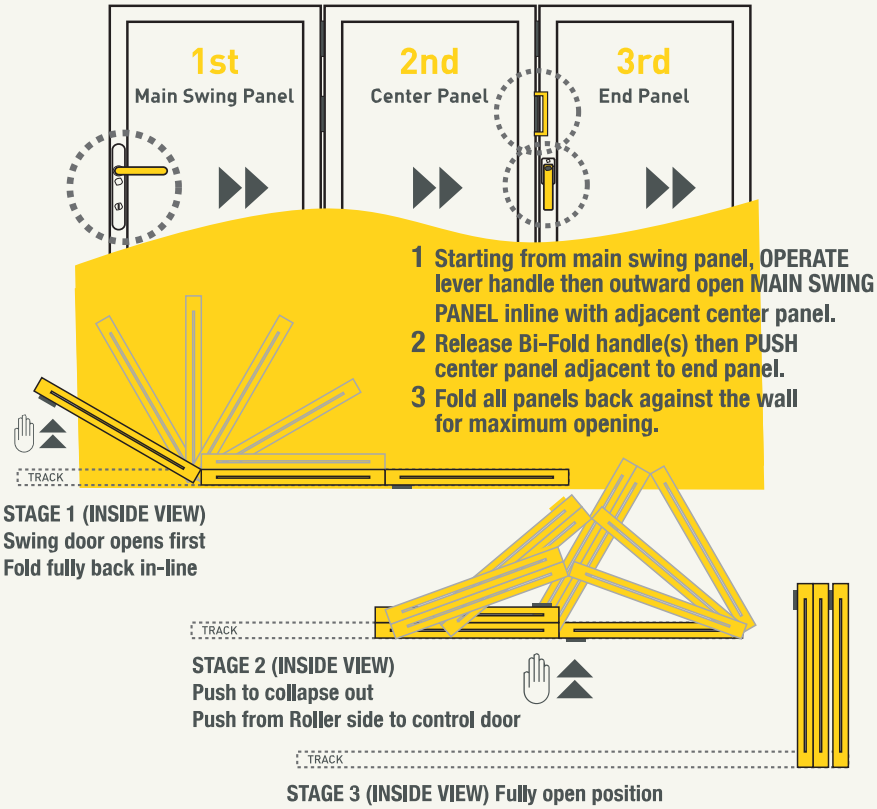
1 Hold panels 2 & 3 and walk in the direction of the track
2 The rollers are utilised giving a smooth closure to the bi-fold door
3 Close and secure the end swing panel.



How to operate (folding)

RIGHT HAND STACKING OUTWARD OPENING

Important; Remove keys prior to folding open



HOW TO CLOSE YOUR BI-FOLD DOOR

1 Hold panels 2 & 3 and walk in the direction of the track
2 The rollers are utilised giving a smooth closure to the bi-fold door
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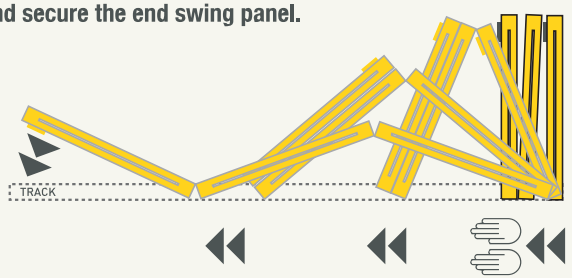
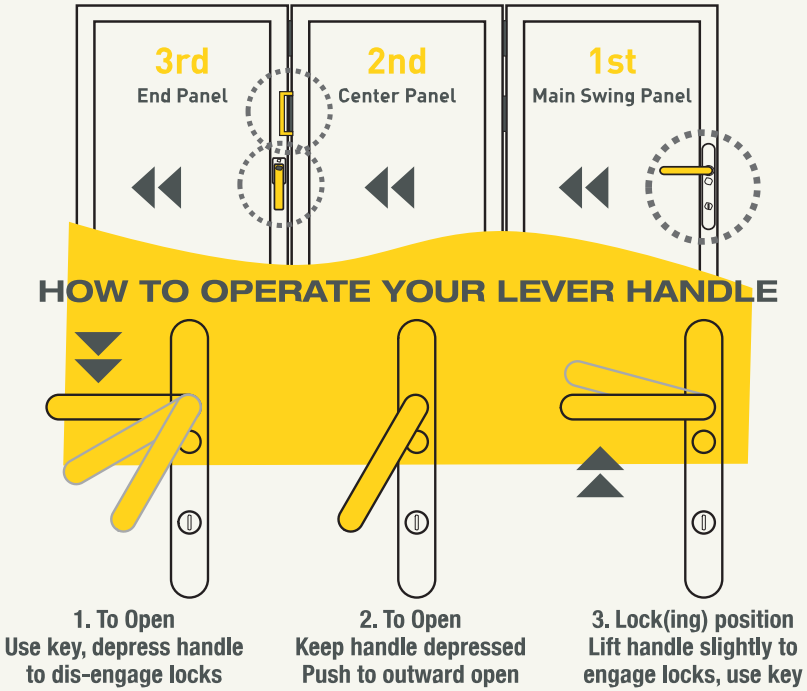


Opening Instructions

How to operate (locking)

LEFT HAND STACKING OUTWARD OPENING

Important; Remove keys prior to folding open

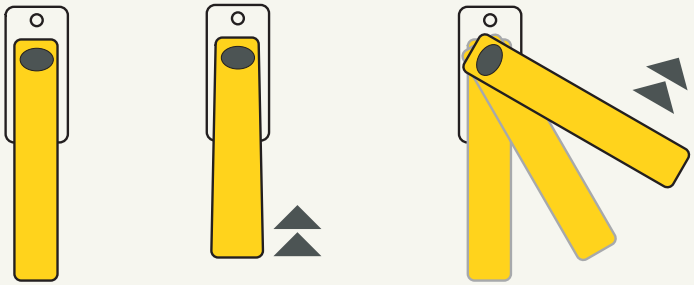


1. To Open
Use key, depress handle to dis-engage locks

2. To Open
Keep handle depressed Push to outward open

3. Lock(ing) position
Lift handle slightly to engage locks, use key

HOW TO OPERATE YOUR BI-FOLD HANDLE



Locked position
180 Degrees Flat

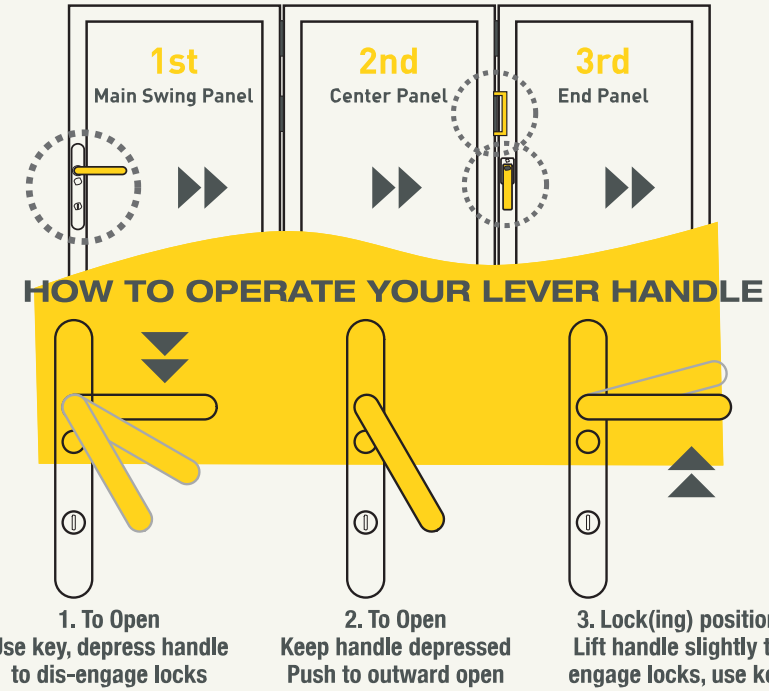
To Open
Lift handle up

Turn handle anti-clockwise to disengage locks (45 Degrees) and push out to open outward opening doors. Locking of the handle is a reversal of this procedure, but pull inward to close, ensuring D-handles are utilised to take the strain.

How to operate (locking)

RIGHT HAND STACKING OUTWARD OPENING

Important; Remove keys prior to folding open



1. To Open
Use key, depress handle to dis-engage locks

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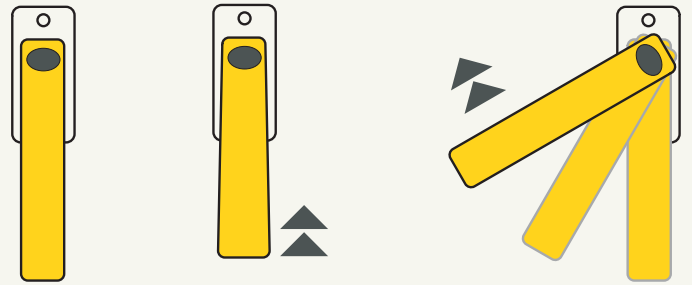
Lift handle slightly to engage locks, use key

HOW TO OPERATE YOUR BI-FOLD HANDLE



Locked position
180 Degrees Flat

To Open
Lift handle up

Turn handle clockwise to disengage locks (45 Degrees) and push out to open outward opening doors. Locking of the handle is a reversal of this procedure, but pull inward to close, ensuring D-handles are utilised to take the strain.

Installation Guide

1: THE BOTTOM TRACK is the most critical step. Ensure the track is fixed firm and level in both directions. For longer tracks, you may require a laser level. Pre-drill the track 100mm from each end and then 500mm apart. The track port is positioned at the stacking side

2: FIX THE 1ST JAMB, which the door is to stack open against. Ensure the jamb is fixed square on the track and level on both faces. To carry the door's weight, this jamb must be firmly fixed to the wall. Thermalite, breeze block or cavity fixed jamb must be firmly strapped to ensure no side-to-side or rocking movement.

3: TOP TRACK Position the top track on top of the jamb and position, place the other jamb under the top track to hold it in place. If practically possible, do not fi x the top track at this stage.

4: FIX THE 2ND JAMB. Ensure the second jamb is fixed square on the track and level on both faces. To carry the door's weight, this jamb must be firmly fixed to the wall. Thermalite, breeze block or cavity fixed jamb must be firmly strapped to ensure no side-to-side or rocking movement.

5: FIX THE TOP TRACK Ensure the top track is fixed firm and level in both directions. For longer tracks, you may require a laser level. Pre-drill the track 100mm from each end and then 500mm apart. The track port is positioned at the stacking side.

6: SETTING THE ROLLERS Remove the top and bottom hinges from the connecting edge of the 2nd and 3rd (and 4th & 5th if applicable) panels and attach them to the rollers. Set the rollers by winding the bottom Allen bolt to 32mm for the bottom roller and 35mm for the top. The measurement is taken from the top of the black carrier to the underside of the T on the roller.

7: ROLLERS Insert all the rollers into the tracks. Ensure the hinge is positioned on the right side.

8: LOCATE FIRST PANEL Lift the first panel into position. We recommend that two persons lift the panels. For easy positioning, place timber on the floor so that the top of the timber is 10mm higher than the top of the bottom track. Lift the panel onto the timber. Locate the hinges and fix them to the first jamb. Check the panel for parallel positioning and clearance with the tracks

9: CYLINDER POSITION: Insert the half cylinder with the keys in. Rotate the keys to position the cylinder accurately into the lock. Insert the fixing bolt and tighten. Be careful not to overtig then the fixing bolt. Mark, pre-drill and screw on the cylinder cover

10: FIX HANDLE(S): Insert the shorter square bar into the lock. The bar should project no more than 5mm from the face of the panel. Mark, pre-drill and screw on the handle with the lever facing down.

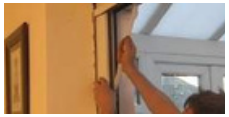
11: FIX THE PANEL(S) using the same method as the first panel. Fix the second panel. Slide the top and bottom roller onto the panel, position and fix. Check the panel for parallel positioning and clearance with the tracks. Adjustments to the rollers may be required at this stage.NOTE: For 4,5 and 6-panel door sets, repeat steps 8, 9, 10 and 11. For 2, 4, or 6 panels folding in one direction, a solid hinge is attached to the top and bottom roller of the last panel.

12:SWING DOOR Attach the swing panel.

13: LOCATE THE CYLINDER. Insert the full cylinder with the keys in. Rotate the keys to position the cylinder accurately into the lock. Insert the fixing bolt and tighten. Be careful not to tighten the fixing bolt over. Mark, pre-drill and screw on the cylinder cover.

14: LOCATE THE HANDLE. Insert the longer square bar into the lock. The bar should project no more than 5mm from the face of the panel. Mark, pre-drill and screw on the handle with the lever facing horizontally.

15: LOCATOR BOLTS Open the door and lock the swing panel into the track. Slide the door closed so that it is positioned 50mm from the closing jamb. Using masking tape, mark the position of the bolts. Mark, pre-drill and screw on the keeps in accordance with your bolt markings.



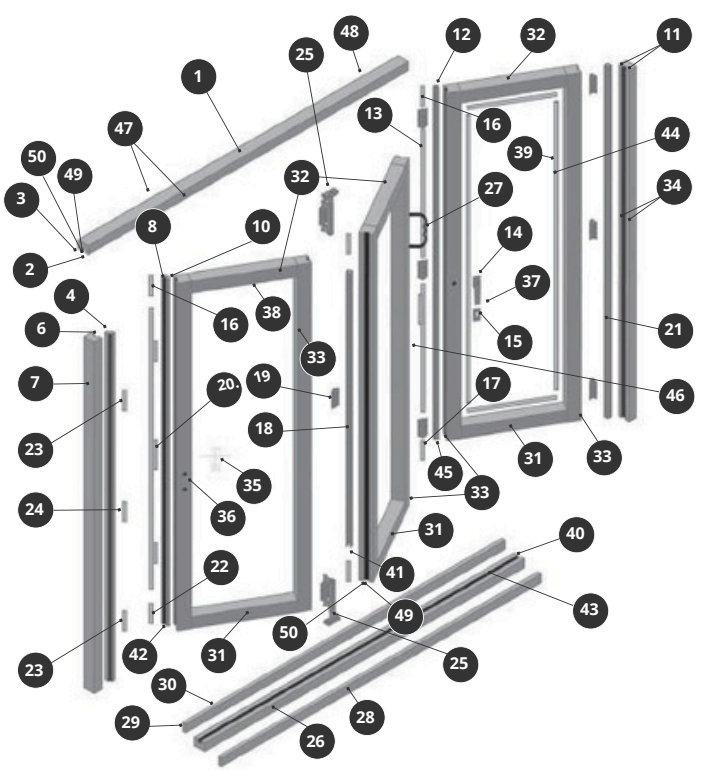
16: FIT COVERS Cut to size and clip in the fixing covers into the jambs

17: SEAL THE DOORS Seal around the frame & remove the protective tape.

18: DRIP CLIPS Clip the drill caps into the slots on the outside of the panels.

Typical Components

FD68 Engineered Hardwood Timber Bi-Folding Door
Exploded view illustrating the typical components of a folding sliding door



14. Flat Handle*

19. Hinge

25. Roller Assembly

27. Pull Handle**

35. Lever Handle*

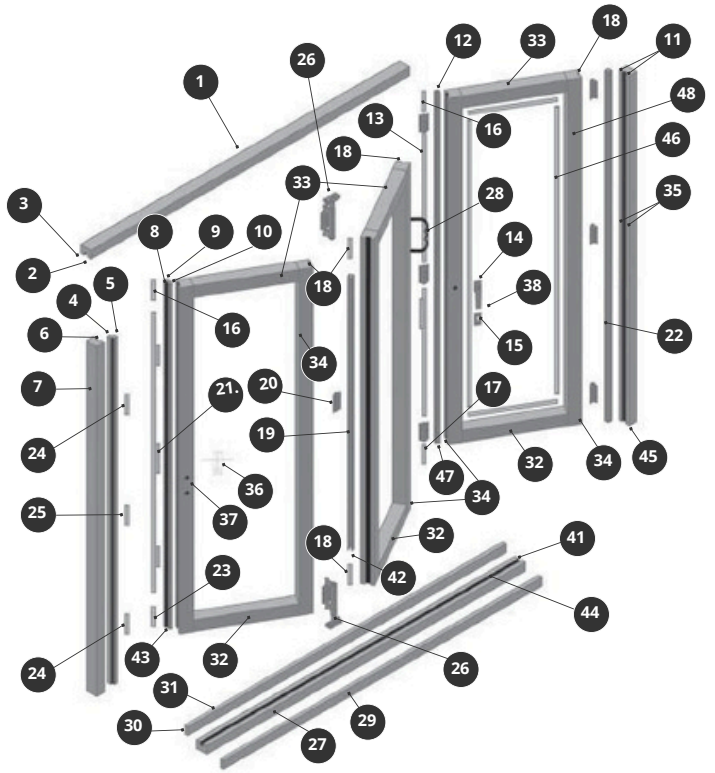
FD68 68mm HARDWOOD TIMBER BI-FOLD DOOR - COMPONENT PARTS LIST

NUMBER	DESCRIPTION	PRODUCT
01	TOP TRACK	7001
02	TOP TRACK BRUSH SEAL	FST848B
03	TOP TRACK REBATE GASKET	FSRG135B
04	JAMB CLOSER	6890
05	N/A	FSTFGB
06	JAMB CLOSER FLIPPER GASKET	6810
07	JAMB	6890
08	PANEL CLOSER	N/A
09	N/A	FSTFGB
10	PANEL CLOSER FLIPPER GASKET	7203R
11	JAMB	6891
12	LOCK STYLE TONGUE	FS2PL35 (Doc Q FS2PL350)
13	2 POINT LOCK	FSFH
14	FLAT HANDLE*	FSCG
15	CYLINDER GUARD	FSRASB230
16	REVERSE ACTION SHOOTBOLT	FSNASB230
17	NORMAL ACTION SHOOTBOLT(230MM)	6891
18	ROLLER TONGUE	FSFH5
19	HINGE*	FS5PL
20	5 POINT LOCK	6891
21	JAMB TONGUE	FSNASB100/FSNASB230
22	NORMAL ACTION SHOOTBOLT	FSDHK
23	HOOK KEEPS	FSL/RHCK
24	CENTRE KEEP LH/RH	FS70RAB
25	ROLLER ASSEMBLY*	

NUMBER	DESCRIPTION	PRODUCT
26	BOTTOM TRACK (CILL OR NO CILL)	7001SA/B
27	PULL HANDLE*	FSPHB
28	CILL EXTENSION / TRACK COVER	6819
29	BOTTOM TRACK REBATE	7003
30	BOTTOM TRACK REBATE GASKET	FSRG135B
31	PANEL BOTTOM BRUSHSEAL	FSPB48B
32	STYLE / RAIL	6802
33	PANEL BUBBLE GASKET	FSTBGB
34	JAMB BUBBLE GASKET	FSTBGB
35	LEVER HANDLE*	FSLLH
36	FULL CYLINDER	FS5050AB
37	HALF CYLINDER	FSDC4510
38	PANEL GLAZING GASKET	5154B
39	GLAZING BEAD GASKET	5154B
40	TRACK END CAP	FSI7001TC
41	ROLLER TONGUE END CAP	FSI7211TCB
42	CLOSER END CAP	FSI7210L/RCC
43	TRACKPORT COVER	FSI7001TPC
44	GLAZING BEAD	6816
45	SHOOT BOLT TONGUE END CAP	FSI7211TSCV2
46	PANEL KEEP	Doc Q
47	TRACK COVER	FSDCOHK
48	TOP TRACK REBATE	6819
49	BRUSHSEAL CARRIER	7003
50	BRUSHSEAL	FSI118B FST848B

* Hardware available in White / Black / Gold / Chrome / Satin Nickel / Stainless Steel ** Hardware available in White / Black / Satin Nickel / Stainless Steel. (Doc Q code replaces standard product code for Document Q compliant bi-fold door option)

FD71 PVCu Bi-Folding Door
Exploded view illustrating the typical components of a folding sliding door

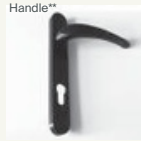


14. Flat Handle*

20. Hinge

26. Roller Assembly

28. Pull Handle**



36. Lever Handle*

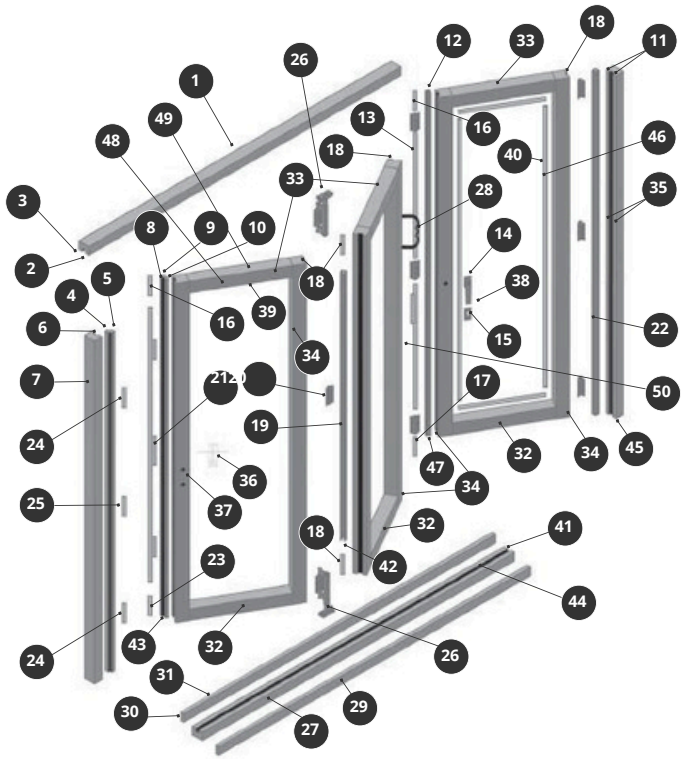
FD71 70mm PVCu BI-FOLD DOOR - COMPONENT PARTS LIST

NUMBER	DESCRIPTION	PRODUCT
01	TOP TRACK	7202
02	TOP TRACK BRUSH SEAL	FSTB67B
03	TOP TRACK REBATE GASKET	FSRG135B
04	JAMB CLOSER	7210R
05	JAMB CLOSER REBATE GASKET	FSRG135B
06	JAMB CLOSER FLIPPER GASKET	FSAFGB
07	JAMB	114202100100 (VEKA)
08	PANEL CLOSER	7210R
09	PANEL CLOSER REBATE GASKET	FSRG135B
10	PANEL CLOSER FLIPPER GASKET	FSAFGB
11	JAMB	114202100100 (VEKA)
12	LOCK STYLE TONGUE	7211
13	2 POINT LOCK	FS2PL35
14	FLAT HANDLE*	FSFH
15	CYLINDER GUARD	FSCG
16	REVERSE ACTION SHOOTBOLT	FSRASB230
17	NORMAL ACTION	FSNASB230 7211
18	SHOOTBOLT(230MM)	FSFH5
19	N/A	FS5PL
20	ROLLER TONGUE	7211
21	HINGE*	FSNASB100/FSNASB23
22	5 POINT LOCK	0
23	JAMB TONGUE	FSDHK
24	NORMAL ACTION SHOOTBOLT	FSL/RHCK
25	HOOK KEEPS CENTRE KEEP LH/RH	

NUMBER	DESCRIPTION	PRODUCT
26	ROLLER ASSEMBLY*	FS70RAB
27	BOTTOM TRACK (CILL OR NO CILL)	7001SA/B
28	PULL HANDLE*	FSPHB
29	CILL EXTENSION	7206
30	BOTTOM TRACK REBATE	7003
31	BOTTOM TRACK REBATE GASKET	FSRG135B
32	PANEL BOTTOM BRUSHSEAL	FSPB48B
33	STYLE / RAIL	101161900002
34	PANEL BUBBLE GASKET	FSAUBGB
35	JAMB BUBBLE GASKET	FSAUBGB
36	LEVER HANDLE*	FSLLH
37	FULL CYLINDER	FS5050AB
38	HALF CYLINDER	FSDC4510
39	N/A	
40	N/A	FSI7001TC
41	TRACK END CAP	FSI7211TCB
42	ROLLER TONGUE END CAP	FSI7210L/RCC
43	CLOSER END CAP	FSI7001TPC
44	TRACKPORT COVER	FSI7203VKJI
45	JAMB TENON INSERT	107155100140 (VEKA)
46	GLAZING BEAD	FSI7211TSCV2
47	SHOOT BOLT TONGUE END CAP	1168
48	HINGE REINFORCEMENT	

* Hardware available in White / Black / Gold / Chrome / Satin Nickel / Stainless Steel ** Hardware available in White / Black / Satin Nickel / Stainless Steel.

FD72 Aluminium Bi-Folding Door
Exploded view illustrating the typical components of a folding sliding door



14. Flat Handle*

20. Hinge

26. Roller Assembly

28. Pull Handle**

36. Lever Handle*

FD72 70mm ALUMINIUM BI-FOLD DOOR - COMPONENT PARTS LIST

NUMBER	DESCRIPTION	PRODUCT
01	TOP TRACK	7202
02	TOP TRACK BRUSH SEAL	FSTB67B
03	TOP TRACK REBATE GASKET	FSRG135B
04	JAMB CLOSER	7210R
05	JAMB CLOSER REBATE GASKET	FSRG135B
06	JAMB CLOSER FLIPPER GASKET	FSAFGB
07	JAMB	7203R
08	PANEL CLOSER	7210R
09	PANEL CLOSER REBATE GASKET	FSRG135B
10	PANEL CLOSER FLIPPER GASKET	FSAFGB
11	JAMB	7203R
12	LOCK STYLE TONGUE	7211 (Doc Q 1191)
13	2 POINT LOCK	FS2PL35 (Doc Q
14	FLAT HANDLE*	
15	CYLINDER GUARD	FS2PL350)
16	REVERSE ACTION SHOOTBOLT	FSFH
17	NORMAL ACTION	FSCG
18		FSRASB230
19	SHOOTBOLT(230MM)	FSNASB230 7211
20	N/A	FSFH5
21	ROLLER TONGUE	FS5PL
22	HINGE*	7211
23	5 POINT LOCK	FSNASB100/FSNASB230
24	JAMB TONGUE	FSDHK
25	NORMAL ACTION SHOOTBOLT HOOK KEEPS CENTRE KEEP LH/RH	FSL/RHCK

NUMBER	DESCRIPTION	PRODUCT
26	ROLLER ASSEMBLY*	FS70RAB
27	BOTTOM TRACK (CILL OR NO CILL)	7001SA/B
2	PULL HANDLE*	FSPHB
8	CILL EXTENSION	7206
29	BOTTOM TRACK REBATE	7003
3	BOTTOM TRACK REBATE GASKET	FSRG135B
0	PANEL BOTTOM BRUSHSEAL	FSPB48B
31	STYLE / RAIL	7201R (Doc Q 7201HD)
32	PANEL BUBBLE GASKET	FSAUBGB
33	JAMB BUBBLE GASKET	FSLLH
34	LEVER HANDLE*	FS5050AB
35	FULL CYLINDER	FSDC4510
36	HALF CYLINDER	FSPG731B (Doc Q
37	PANEL GLAZING GASKET	7208)
3	GLAZING BEAD GASKET	FSBG732B
8	TRACK END CAP	FSI7001TC
39	ROLLER TONGUE END CAP	FSI7211TCB
4	CLOSER END CAP	FSI7210L/RCC
0	TRACKPORT COVER	FSI7001TPC
41	JAMB TENON INSERT	FSI7203JI
4	GLAZING BEAD	7208R (Doc Q 7208HD)
	SHOOT BOLT TONGUE END CAP	FSI7211TSCV2
2	PANEL REBATE	(Doc Q FSD1045)
43	PANEL REBATE GASKET	(Doc Q FSRG135B)
4	PANEL KEEP	(Doc Q FSDCOHK)
4		
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47		
4		
8		
4		

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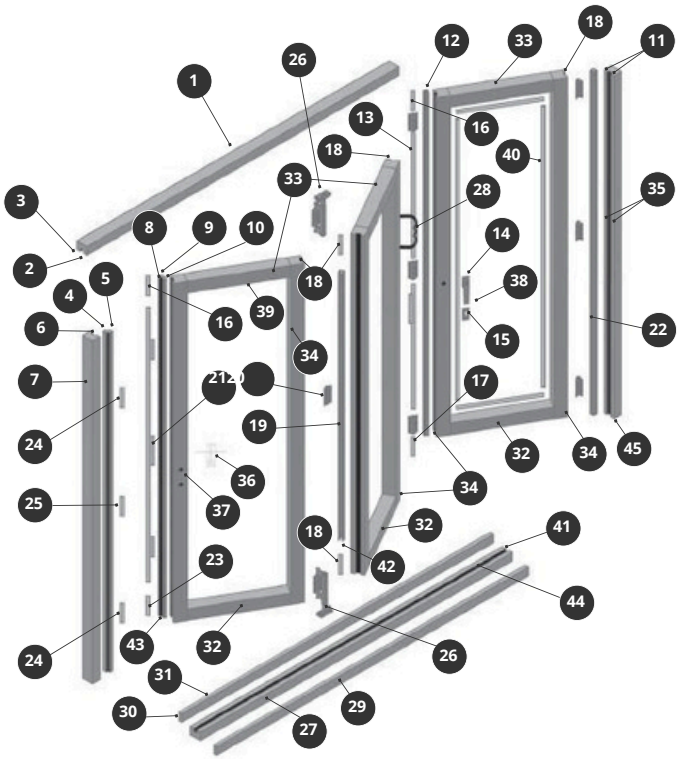
FD73 Aluminium/Timber (Ali-Clad) Bi-Folding Door
Exploded view illustrating the typical components of a folding sliding door



14. Flat Handle*

20. Hinge

26. Roller Assembly

28. Pull Handle**

36. Lever Handle*

FD73 70mm ALUMINIUM & HARDWOOD TIMBER BI-FOLD DOOR - COMPONENT PARTS LIST

NUMBER	DESCRIPTION	PRODUCT
01	TOP TRACK	7202
02	TOP TRACK BRUSH SEAL	FSTB67B
03	TOP TRACK REBATE GASKET	FSRG135B
04	JAMB CLOSER	6890/7210R
05	N/A	FSAFGB/FSTFGB
06	JAMB CLOSER FLIPPER GASKET	7303
07	JAMB	6890/7210R
08	PANEL CLOSER	FSRG135B
09	PANEL CLOSER REBATE GASKET	FSAFGB/FSTFGB
10	PANEL CLOSER FLIPPER GASKET	7303
11	JAMB	7211
12	LOCK STYLE TONGUE	FS2PL35
13	2 POINT LOCK	FSFH
14	FLAT HANDLE*	FSCG
15	CYLINDER GUARD	FSRASB230
16	REVERSE ACTION SHOOTBOLT	FSNASB230 7211
17	NORMAL ACTION	FSFH5
18		FS5PL
19	SHOOTBOLT(230MM)	7211
20	N/A	FSNASB100/FSNASB23
21	ROLLER TONGUE	0
22	HINGE*	FSDHK
23	5 POINT LOCK	FSL/RHCK
24	JAMB TONGUE	
25	NORMAL ACTION SHOOTBOLT HOOK KEEPS CENTRE KEEP LH/RH	

NUMBER	DESCRIPTION	PRODUCT
26	ROLLER ASSEMBLY*	FS70RAB
27	BOTTOM TRACK	7001SA/B
2	PULL HANDLE*	FSPHB
8	CILL EXTENSION	7206
29	BOTTOM TRACK REBATE	7003
3	BOTTOM TRACK REBATE GASKET	FSRG135B
0	PANEL BOTTOM BRUSHSEAL	FSPB48B
31	STYLE / RAIL	7301
32	PANEL BUBBLE GASKET	FSAUBGB/FSTB
33	JAMB BUBBLE GASKET	GB
34	LEVER HANDLE*	FSAUBGB
35	FULL CYLINDER	FSLLH
36	HALF CYLINDER	FS5050AB
37	PANEL GLAZING GASKET	FSDC4510
3	GLAZING BEAD GASKET	FSPG731B
8	TRACK END CAP	FSACCG
39	ROLLER TONGUE END CAP	FSI7001TC
4	CLOSER END CAP	FSI7211TCB
0	TRACKPORT COVER	FSI7210L/RCC
41	JAMB TENON INSERT	FSI7001TPC
4		FSI7203JI
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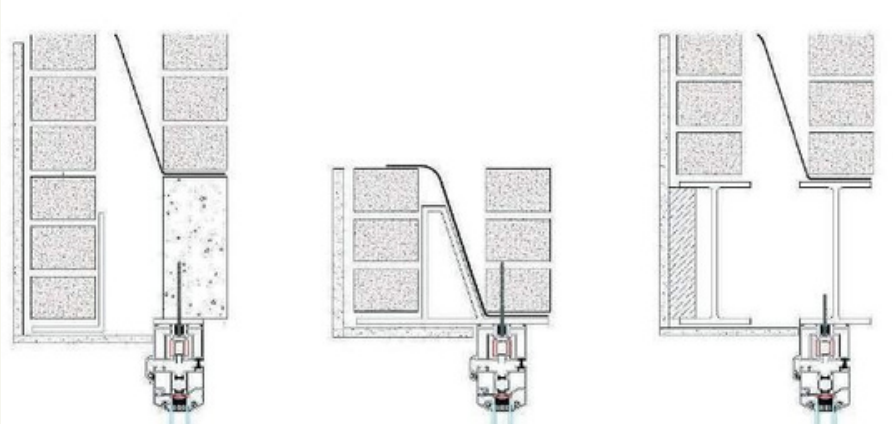
Details

Top track fixing details

Recommended top track fixing details



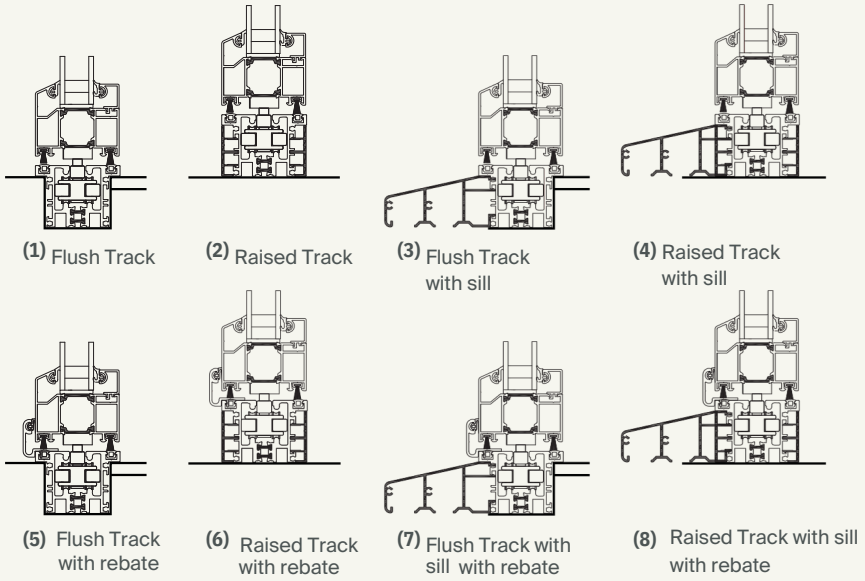
Concrete or Timber Lintel

Catnic (with fixing screw fixed into the brick)

Re-enforced Steel Joist

Cill Options

These cill options are example details and apply to all systems. Our aluminium system has been used for the purpose of illustration.



(1) Flush Track

(2) Raised Track

(3) Flush Track with sill

(4) Raised Track with sill

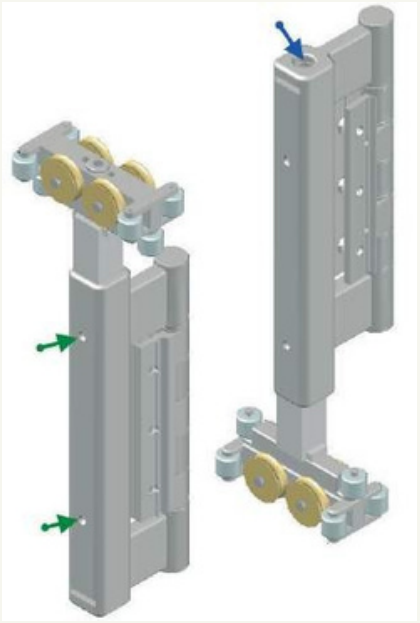
(5) Flush Track with rebate

(6) Raised Track with rebate

(7) Flush Track with sill with rebate

(8) Raised Track with sill with rebate

Adjusting a roller



This roller assembly has three grub screws. The grub screw on the hinge is to lock the hinge in position and maintains high security, without it, the hinge is vulnerable to crime. The grub screws on the roller carrier (green arrows) are to lock the roller into position after adjustment. Adjust the roller by unlocking the grub screws (green arrows) and turn the allen bolt (blue arrow). This moves the roller up and down. Tighten the grub screws to secure the adjustment (green arrows).

Installing a pull handle

To install a pull handle.

Remove the top and bottom cover caps from the middle hinge near the fl at handle. Place the pull handle over the hinge. Tighten the grub bolts.

Resetting a disengaged shoot bolt

On rare occasions, the locking mechanism has disengaged from the shoot bolt. This is usually caused by forcing the lock when the door is not closed in line with the tracks.

1. Unscrew the screws on the shoot bolt and the first couple of screws on the lock. Then slide the cover plate up.

2. Underneath you will see the ‘teeth’ on the main part of the locking system; this should have a slight bend on it (if not, this can be bent slightly).

3. Replace the top screw on the shoot bolt.

4. Ensure the shoot bolt is fully retracted and the lock is in the unlocked position before re-engaging the lock teeth into the shoot bolt.

5. Replace all screws in the lock

Toe & heeling glass

The — (orange line) indicates where the toe and heel packers are placed to allow the glass to lift the panels. The arrows indicate the brace direction. It is essential that the door glass is correctly toe and heeled as shown to ensure smooth operation of the doors when opening them.

Adjustable toe and heel device

1. The locking panels on your Folding Sliding Doors are Pre-factory glazed & fitted with an adjustable toe and heel device.
2. In the top of each locking panel you will fi nd a Pozi-Head screw bolt.
3. The doors panels will already be at their lowest point.
4. With the doors in the closed position, identify any panels that require lifting.
5. Open the doors so that you can get access to the adjustable toe and heel device at the top of the door panel
6. Pack the doors underneath the door (between the fl oor and door panel).
7. Wind the screw head clockwise, this will cause the corner of the door to rise.
8. Re-close the doors and check that they run parallel and evenly to the top and bottom tracks.
9. If they do not, then repeat as necessary.

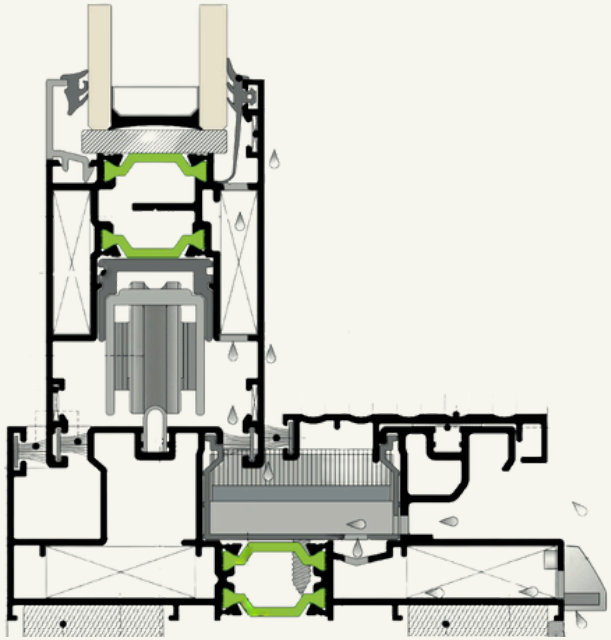
How to glaze using a Wedge Gasket

The diagrams illustrate how to correctly insert glazing beads and the rubber ‘wedge gasket’ when supplied temporary glazed. Illustration captures the design modifi cation to both the main frame profi le and the glazing bead (April 2016).

Fitting the Beading

The glazing bead should be inserted into the main frame profi le after postioning of the glass unit BUT before the wedge gasket is pushed into place.

Glazing Method Tip!
Place 6mm Packing Shims between the glazing bead and the glass unit to hold the glazing bead in postion before pushing the wedge gasket into position, then remove the packing prior to completion.



NOTE: Care should be taken to ensure that the wedge gasket is inserted fully without any visible rippling.

Encapsulated Blinds

User Instructions

Raising & lowering your Light Touch® blinds

Simply move the lower operator up-and-down to achieve the desired blind height, when resistance is felt STOP. A slight adjustment of the top operator allows for the tilt of the slats for light & privacy control. Some units may only have one operator that combine both the tilt and lift action. Up & down to adjust blind height and a slight adjustment for the tilt action.

WHEN RAISING THE BLINDS - ENSURE SLATS ARE IN THE OPEN POSITION

CARE INSTRUCTIONS

Cleaning

For continued ease of operation, ensure that the glass surface (under the raise & lower operation) is kept clean. Foreign substances or residue can increase friction, thus requiring more force to operate.

TROUBLE SHOOTING

Re-alignment of Venetian Slats

Open the blinds, then raise the operator up and down to re-align.

Re-engaging the Operator(s)

Due to the nature of the magnetic design, dis-egagement of the raise & lower operator can occur by applying excessive force / by lifting the operator away from the surface of the glass / by moving the operator out of its designed track. This action may release the magnetic bond, thus causing the blind to temporarily malfunction. This occurrence is easy to correct.

To re-engage the Magnets
and restore normal operation, simply lift the operator up, in its track, until the magnets re-engage. You will hear them connect.

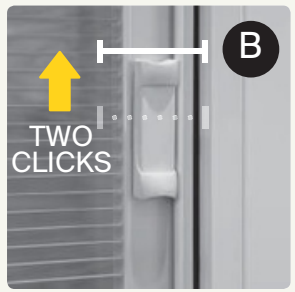
IMPORTANT: Some models use additional magnets and will require two magnet re-engagements. If you have a 2 or 3 magnet side operator (21/2” or 3” tall), one magnet click will restore operation - SEE DIAGRAM A.

If your blind uses a 4 magnet operator (31/2” tall), then a second engagement point (second magnet click) is required - SEE DIAGRAM B.

This second engagement is achieved by pushing the side operator up again past this fi rst engagement point until you hear the second click. If all magnets within the operator, and inside the unit are not aligned, then full engagement will not be restored.

Two operators, top one for the tilt & close action and lower one to raise & lower the blinds.

Raise operator up in its track to achieve re-engagement ONE CLICK.



Where required push operator up further until you hear the SECOND CLICK.

Maintenance

Cleaning

Glass

External grime should be removed with a solution of soap and water. The cleaner should not run down on any other surface. A soft cloth may be used with any household glass cleaner. NOTE: The glass used in most double-glazed units is easily scratched, and it is, therefore, recommended that hand jewellery be removed
before cleaning.

Panels & door frame

Wash frames and panels with soap and water solution, at least. Every three months in areas of heavy traffi c, industry or located near the sea. Every six months in rural areas. If required, clean with a non-abrasive proprietary cleaner, suitable for either plastics, aluminium or timber, using a soft cloth. In the event of unusually heavy stains. Advice should be sought from your supplier.

Any damage to the paint coating, such as scratches, chips or areas of abrasion, must be repaired immediately. NOTE: Avoid all solvent-based or abrasive cleaners. Take care not to disturb silicone pointing sealants.

Tracks

The tracks must remain clean and clear at all times. Dust and dirt can build up on the roller mechanism and foul the door's smooth running. The tracks can be cleaned using a long-bristle paint brush and vacuumed with a thin nozzle attachment.

Rollers

Thoroughly clean and dry all upper and lower rollers and hinges every 3 to 6 months. Liberally apply a lubricant such as Tefl on the spray (no grease) to the rollers' wheels and bearings. Oil all hinges, including the hinge pin, with lightweight lubricating oil or Tefl on the spray.

General Maintenance

Glass scratches

If scratches occur, most can be removed with jeweller's rouge, which is available from your local glass supplier, or an equivalent rubbing compound. Alternatively, seek professional advice. Sealed units should be replaced by professionals in accordance with BS6262, and the units comply with BS EN 1279.

PVCu profiles

PVCu requires no maintenance other than cleaning. In the event of damage, seek advice from your supplier. Periodically and where accessible, clear drainage holes which can be seen when you open the door.

Gaskets

If the gaskets are broken or damaged and draughts are felt around the unit, ensure prompt replacement by your supplier. Use a light, soapy solution and a non-abrasive cloth.

DO NOT USE solvent based cleaning products on the gaskets. It is recommended that silicon spray is applied to the gaskets annually.

Hardware fittings

Every 3 to 6 months, thoroughly clean and dry all upper and lower rollers and all hinges. Liberally apply a lubricant such as Tefl on the spray (no grease) on the wheels and bearings of the rollers. Oil all hinges, including the hinge pin, with lightweight lubricating oil or Tefl on spray, wipe away any excess with a non-abrasive cloth once you have finished.

Handles

No maintenance is required for the door handles.

Silicone seals

NOTE: Some discolouration of the silicone pointing sealant is a natural occurrence and cannot be avoided.

Condensation

Condensation is moisture-laden air converted into water. The atmosphere in which we live is generally invisible. The warmer the air, the more moisture it can hold. When its limit is reached and the warm air makes contact with a cold, non-absorbing surface, it becomes chilled and sheds the surplus moisture in the form of water droplets, usually on a glass surface.

CAUSES & CURES

Living Room

- Allow the room's warmth to reach windows by positioning the curtains approximately 150mm from the glass.
- Where possible, avoid glazed or non-absorbent wall coating.
- Where fl ues have been blocked off, wall vents are most helpful.
- Vent holes below gas fi res help to facilitate ventilation.
- Open windows for short periods each day to allow air change.

Kitchen

- Close door ways into the remainder of the house and keep a window open.
- Extractor fans etc, can help.

Bedroom

- The prime cause for condensation in the bedroom is not allowing for the night-time drop in outside temperature.
- Extend the central heating programme or other heating system according.
- Ventilate by opening the windows at least once a day to allow air change.

Guide: viewing glass

Reg: A3404

Double glazing provides a high standard of vision. The following is a guide to the quality that can be expected. The transparent glass used for insulating glass is identical to the manufacturing method that is used traditionally for single glass and will, therefore, have a similar quality.

How to do a professional check

Stand in the room no less than 2 meters away from the panes and look directly through them. Stand no less than 3 meters away for toughened laminated or coated glasses. Do so in natural daylight, but do not look directly towards the sun and with no visible moisture on the surface of the glass. Where it is not possible to stand at the required distance, then stand as far away as you can from the panes. Exclude from the check the 50mm wide band around the edge of the glass.

What to expect

Flat transparent glass, including laminated or toughened(tempered) or coated glass, us acceptable if the following are neither obtrusive nor bunched:

- bubbles or blisters
- hairlines or blobs
- fine scratches under 25mm long
- minute particles

The obtrusiveness of blemishes is by looking through the glass, not under natural light. It must be understood that the glass used in double glazing is not ground optically flat, and so, as a consequence, blemishes are a possibility.

Special glasses

Toughened distortions in glass, which may be accentuated by reflections in glass, may show visually. Such as surface colourations and double glazing. Patterns do not indicate a change in physical performance. Laminated glass may have a few more blemishes due to it being made of several layers.

As a legal requirement, glass intended for use as safety glass must display a permanent safety mark, which is applied before installation, but remains visible after installation.

The mark must comply with the requirements of the British Standard BS6206 Specification for Impact Performance Requirements for Flat Safety Glass and Safety Plastics for Use in Buildings or its successor.

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Specification for Impact Performance Requriements for Flat Safety Glass and Safety Plastics for use in buildings, or it’s successor.

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