

DS1250 | MK2 BI-FOLD LOCK

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INSTALLATION GUIDE

DS1250 MK2 - PACKERS

PACKERS SHEET

"Internal" and "External" refers to the set side after handing.



FINDING PACKER HEIGHTS EXTERNAL INTERNAL Extrusion Extrusion Width Thickness (Internal dimensions) **External Side** Packer Height Internal Side Packer Height = Extrusion Width minus = 12.6mm Internal Packer Height minus minus **Extrusion Thickness** 18mm (lockbody)

ADJUSTING PACKER HEIGHTS

INTERNAL PACKER



EXTERNAL PACKER

Align the arrows on the right hand side to achieve 8.0mm thickness. Rotate the Cap counter-clockwise to increase packer thickness by 0.5mm with each notch until the required thickness is reached.

Min = 8.0mm (suitable for 4.6mm Extrusion Thickness)

Max = 11.5mm (suitable for 1.1mm Extrusion Thickness)

External Start with the 3.5mm "External **Base Packer** Base Packer", and add additional 3.50 "External Stackable Packers" in any combination until the required 10.00 thickness is achieved. 5.00 4.0 0 2.00 .50 1.0 Additional External Stackable Packers

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MACHINING DETAILS: FOR EXTRUSION



STEP 1: HANDING

The lockbody is handed, with the internal and external faces dependant on which side of the door stile the glass is on.

To check, temporarily fit the handle furniture into the lockbody.

Ensure lockbody is in the unlocked position (actuator arms retracted).

The handle should always point towards glass side of the door stile in the unlocked position.

If the handle points away from the door stile, spin the lockbody 180 degrees to correct the handing.



STEP 2: FITTING LOCKBODY

Slide the Lock Packers into place on lock body, ensuring correct packer is used on either side of the lock body as per manufacturers specifications.

Insert the lockbody into the extrusion and align with cutout.

Glass Side

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STEP 3: FIXING FURNITURE AND CYLINDER ASSEMBLY

Insert assembled furniture into square hole in lock body, align with extrusion and fasten using M5x20 Trilobal screws.

Insert Cylinder, Cover, and Escutcheon Plate as shown and fasten using 8G screws.



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STEP 4: TUBE AND LOCK CONNECTOR ASSEMBLY

Ensure Rod tubes are cut to the correct lengths.

Insert lock connectors at either end of tube and crimp ends to secure connectors in place.

Ensure dimpled and threaded ends of connectors are facing outwards from tube.

Thread D-Bolt onto rod ends.

CALCULATING **ROD LENGTHS:**

Top Rod Length = (D) - (H) - 222mm

Door Height (D), *minus* Handle Height (H), minus 222mm (lockbody)

Bottom Tube Length =

(H) - 158mm = Rod Length

Handle Height (H), minus 158mm (lockbody)



STEP 5: CHECKING LOCK FUNCTION AND D-BOLT HEIGHT

Check function of lock and D-Bolts by rotating lever 90°. The D-Bolts will travel outwards approximately 18mm to lock the door.

Then, using key, check locked and unlocked function. Bring lever back to original position.

Check height of the D-Bolts ensuring they are level with extrusion. Adjust the D-Bolts up or down as required by rotating on

thread.

Ø 0 0

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STEP 6: FIXING THE **BOLT GUIDES**

Fix guides in place with D-Bolts in locked position. Push guides into position, level with extrusion ends.

Perform a check to ensure the lock works correctly:

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1. Lock position - Turn key anti-clockwise 90°

2. Unlock position -Turn key clockwise 180°



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