



JEXIS CAVITY SLIDER DOOR RELEASE PRODUCT SPECIFICATION



FOR FURTHER INFORMATION AND
SAMPLES CONTACT

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Quick, Simple and Easy

Jexis – Cavity Slider (Pocket Door) Opener

Jexis is the new and unique way of opening a cavity slider or Pocket Door. Traditional cavity pulls and latches are clumsy and awkward to use and require good hand dexterity.

The Jexis solution sets the trend for door movement. It's patented technology allows Jexis to work within the cavity so you don't have any metalwork, holes or other clumsy methods of opening the cavity door, you just 'push and close'.

- Easy to open doors
- The ideal solution for wheelchair users and those with dexterity difficulties
- Ability to have cavity sliders sit flush with the door jamb
- Clutter free door edge
- Quiet running and easy installation
- Performance tested to exceed the lifetime of the home
- Made from durable engineered glass-filled nylon
- Maintenance free (fit and forget)

Home buyers and renovators want their home to be elegant, trendy, functional and uncluttered by messy and difficult to use handle fittings. The Jexis is a simple design solution, fitted neatly to the hidden edge of the door and press-release operated. It is quiet, functional and works as if by magic.

The Jexis Cavity Release is ideal for wheelchair users as it allows for the maximum door width with the added benefit of a hand or arm push. Those with dexterity issues will find using a push motion more comfortable and easier to use than traditional cavity pulls.

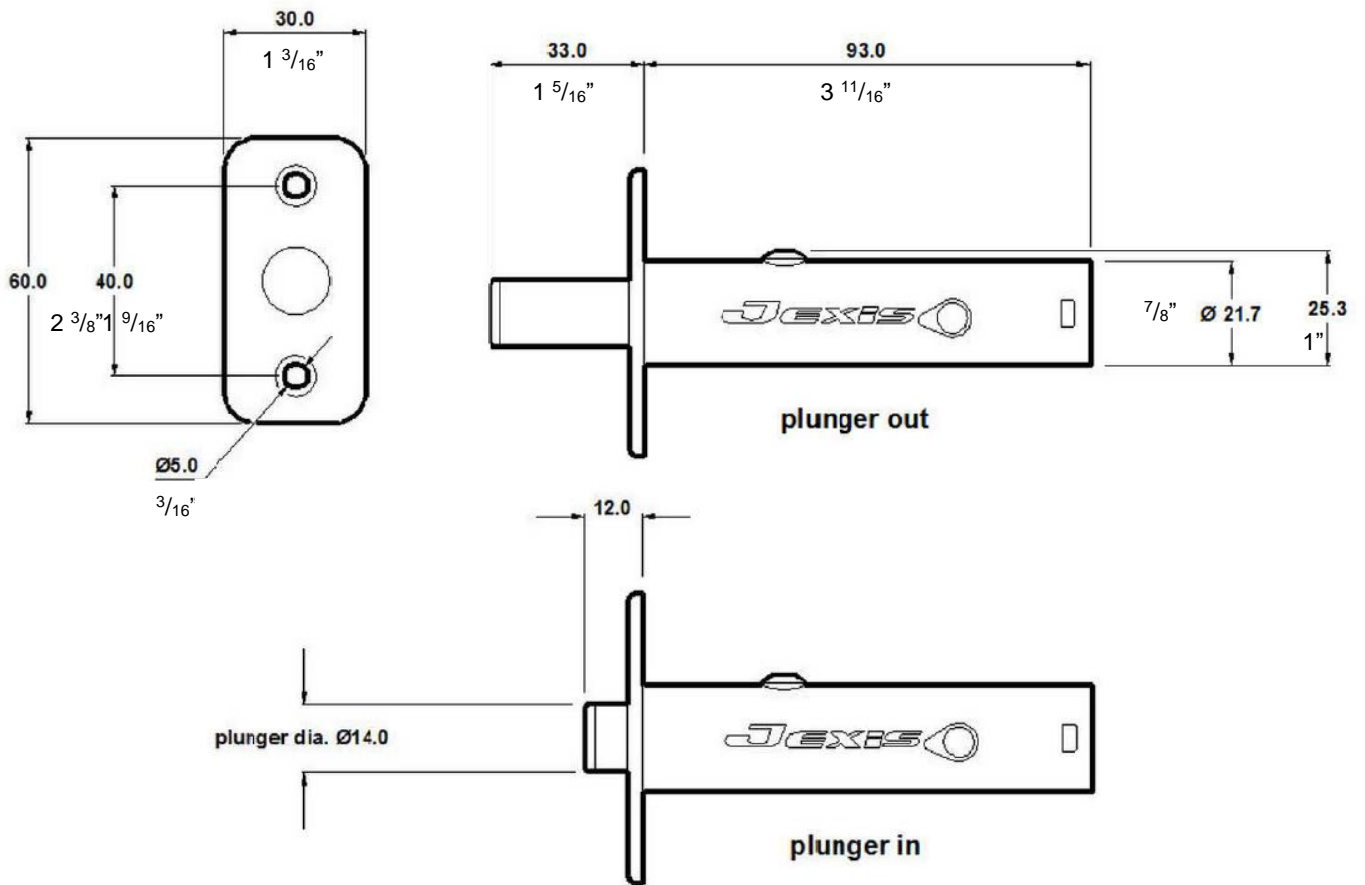
Conceived, developed, designed and assembled in New Zealand. The Jexis Cavity Release represents true Kiwi ingenuity and commitment to quality.

NOTE:

Cavity Slider, Pocket Door and In Wall Slider are all terms used for the same type of product in different countries.

Product Performance

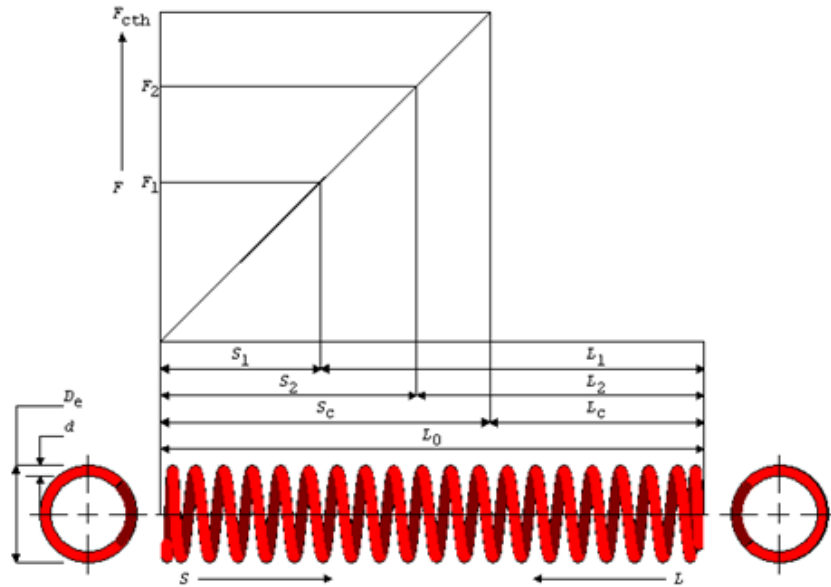
The Jexis body and plunger is glass fibre reinforced injection moulded (PA6 GFR PA6).



Internal Directional Mechanism

Patented technology powered by right hand helix spring

Material: EN 10270 Ptl Patented Carbon



Benefits and testimonials

The purpose of the Jexis is for the user to be able to close the door with ease. This is achieved by pressing against the edge of the sliding door so that it opens sufficiently enough to access the flush pull on the side of the door to slide the door across. Here are some comments from people who have installed the Jexis in their homes.

Sarah Walker is a world champion BMX rider and Olympic Silver Medallist, she writes:

“Building a house has been one of the most exciting things I have done in my life. One exciting feature of our new home are the cavity sliders. The Jexis door sits flush when open, and when you want it closed, you simply push the door which is quick and easy. The precision and effectiveness of this product is a perfect fit for our home.”

Peter Santner Director of Cambridge Homes a Master Builders gold medal award winning company, he writes:

“Cambridge Homes design a lot of cavity sliders into our homes and have had a great response from our clients about the Jexis Door Release. We install them in all our cavity sliders and it is a point of difference for the quality homes we build. The product leaves a clean edge to the front of the door, is easy to operate in fact it is fun to operate. Congratulations to Graeme for coming up with this marvelous product, definitely a winner.”

Jexis Cavity Release is the perfect solution for accessible housing design. Tiffiney Perry and Chris Harvey (New Zealand) write:

“My husband and I use wheelchairs for our everyday mobility. We recently renovated our house and installed 3 cavity sliders for ease of access and to save space.

Opening a door out in front of you is difficult in a wheelchair as with closing them. With the cavity sliders installed it is easier for the whole family to use, including kids. There is no door slamming and the doors cannot rub up against the walls, again creating that space. It is a nice clean finish to our newly renovated home as the door shuts

itself off into the wall when open and when closed it almost seems to be part of the wall as it is painted the same colour.

The Jexis Cavity release is a great innovative mechanism. It allows the door of the cavity slider to go completely into the wall without any protruding. There are no outward facing handles on the door to prevent this.

The real advantage of the Jexis for us is that you just need to push on the edge of the sliding door and it releases from an open position enough to access the flush pull on the side of the door to slide the door across.

This is extremely beneficial for my husband who is a quadriplegic and has limited hand function. We have a standard cavity slider installed in our beach house but this does not have the Jexis and we have found it very difficult and heavy to close because of the weight of the door. We will be installing the Jexis in that house too!

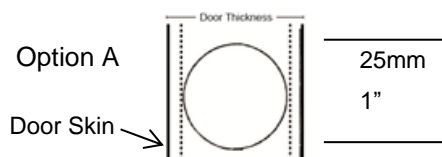
I would highly recommend this product for anyone looking to install a cavity slider. They have proved extremely practical and cost effective from our perspective.”

Installation

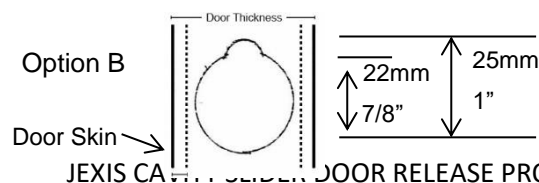
Installing a Jexis on cavity sliding doors is simple, quick and easy. The average installation time is less than two minutes and the only tool needed is a drill, two bits and a couple of screws. No routing, no chiseling, no mess, no fuss. The mechanism is spring loaded and fitted to the back edge of the door by drilling a clearance hole into the door and fastened by two screws through the faceplate. This will allow the plunger shaft to eject out of the door and strike the aluminium back stay of the cavity slider pocket propelling the door outward by approximately 300mm. Alternatively, the Jexis can be mounted through the aluminium backstay allowing the plunger shaft to strike the back edge of the door propelling it forward.

Pre-Hanger Fitting Instructions

1. With the back edge of the door facing you, measure and find height & centre eg: all doors = 1200mm up from bottom of door then find centre of door. A 38mm thick door = 19mm. Mark the door using a 25mm speed bore bit drill a hole to the depth of 100mm.
As per option drawing A.



2. On particularly narrow doors with minimal clearances, an alternative option would be to drill a 22mm hole and use a round rasp to cut some extra clearance.
As per option drawing B.



3. Place Jexis Cavity Release in the drilled hole and secure with 2 x screws. Now your door is ready to be fitted.

Handy Hints:

- A. Allow a clearance of 12mm or half an inch between the back edge of the door and the backstay (vertical component) of the cavity pocket.
- B. If the door is slightly undersize in relation to the pocket. Place enough washers (packers) between the Jexis faceplate and the back edge of the door until the front edge of the door is flush with the opening Jamb.
- C. Alternatives if door is too wide buzz to required width.

DO NOT

1. Check face plate into doors edge as this may impede the loading and release cycle of the Jexis plunger.
2. Adjust body screw, this is a guide screw only preset in the manufacturing process.

***Builders Cavity Fitting Instructions
(Installer)***

1. N.B. Backstay of Cavity opposite the Jexis in door to have no screw fixings. Screw backstay to framing away from the release mechanism area.
2. Cavity back stud and back edge of door must be plumb allowing the gap between door and back stud to be parallel and clear of any foreign objects.

Failure to do this could affect the smooth and positive feel of the Jexis action.

Handy Hints

- A. There must be no excessive high spots between the back edge of the door and aluminum backstay that might impede the loading and release cycle of the Jexis plunger.

(A recommended option is to fix the backstay by screwing through the nog channels of the aluminum backstay clear of the back edge of the door.)

- B. These instructions refer to an assembled cavity slider all made up ready to fit in the trimmed hole. The aluminum backstay referred to is the back vertical component that forms part of the structural cavity frame.
- C. If the cavity slider is to be built in position allow a clearance of 12mm or half an inch between the back edge of the door and the stud or surface contact area for the Jexis plunger.

DO NOT

- 1. Check face plate into door edge as this may impede the loading and release cycle of the Jexis plunger.
- 2. Adjust body screw, this is a guide screw only preset in the manufacturing process.

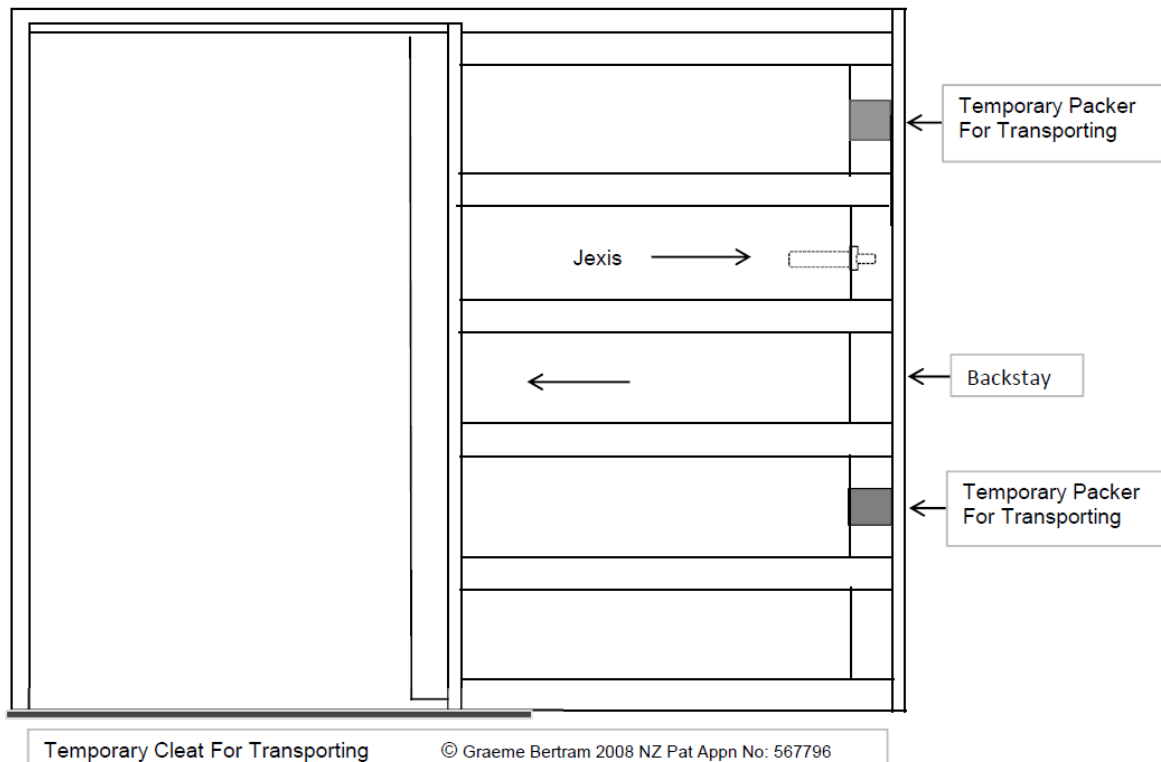
Transportation of Cavity Sliders fitted with the Jexis

On the backstay of the cavity pocket it is essential to put temporary packers between the back edge of the door and the inside of the backstay. This is to stop the door bouncing up and down on the Jexis during transport which would damage the internal mechanism.

Failure to follow the above conditions will void any warranty claim.

IMPORTANT

Before installation of the Cavity pocket, the temporary packer blocks must be removed as they would interfere with the operation of the Jexis.



Warranty

The Jexis has been tested on standard hollow core doors up to 10kg and up to 1 million strikes using a load simulator. Manufacturer's standard warranty is ten years on parts. It is expected the distance of door ejection on heavier doors will decrease while door depression becomes easier. Product performance cannot be guaranteed on doors over 70kg.

Invenco Ltd agrees to maintain ongoing quality assurance and will be responsible for replacement of any faulty product excluding labour, fitting or associated replacement costs.

Exclusion Clause:

The manufacturer is not responsible for fault or abuse (i) slamming the door excessively back into the pocket (ii) failure to follow transportation instructions or if the Jexis is used for purposes outside those specified in this document.

NOTE:

The ability of the Jexis to propel the door out of the cavity slider pocket sufficiently is dependent on the smooth running action of the track system used and any excessive resistance of the bottom door guide

Returns Policy

Invenco Ltd cannot guarantee replacement or credit without assessing faulty product. Claims are to be lodged via email to Invenco Ltd at info@jexis.com or via the website www.jexis.com Contact page with a description of the fault. Product returns must be authorised prior to shipping. Invenco Ltd will credit the full price of the product and any shipping costs incurred.

Credit claims of any kind, whether as to delivery of the Jexis or for non-delivery will not be greater in amount than the purchase price. Invenco Ltd will not be liable for special, indirect or consequential damages or otherwise. Any claim with respect to defective Products or breach of warranty must be promptly made and shall apply to products properly used, stored, applied and installed.