NITRO Sliding Door System
Installation Guide

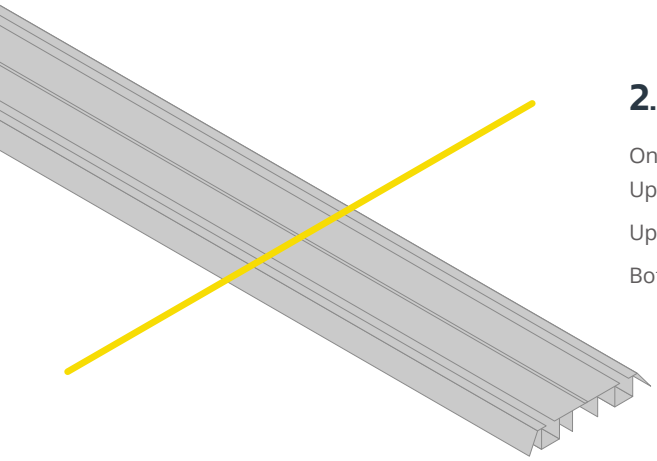
Tools and Equipment

Cordless Drill and Pozi 1 Drive Bit | Combination Square | Measuring Tape | Machine Saw or Hand Saw | Rubber Mallet

1. Getting Started

Using your Measuring tape, measure the inside width of the space you want the Nitro Sliding Door System to cover from side to side, this is known as the **"Opening Width"**.

Next, measure the inside height of the space from bottom, where the Bottom Track will be positioned, to top where the Upper Guide will be attached. This is known as the **"Opening Height"**.

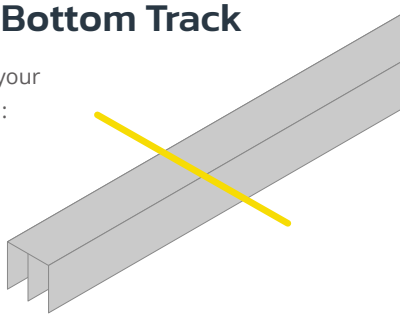


2. Cutting the Upper Guide and Bottom Track

Once you have the "**Opening Width**" , measure and cut your Upper Guide and Bottom Track using the formula below :

Upper Guide = Opening Width – 1mm

Bottom Track = Opening Width – 1mm

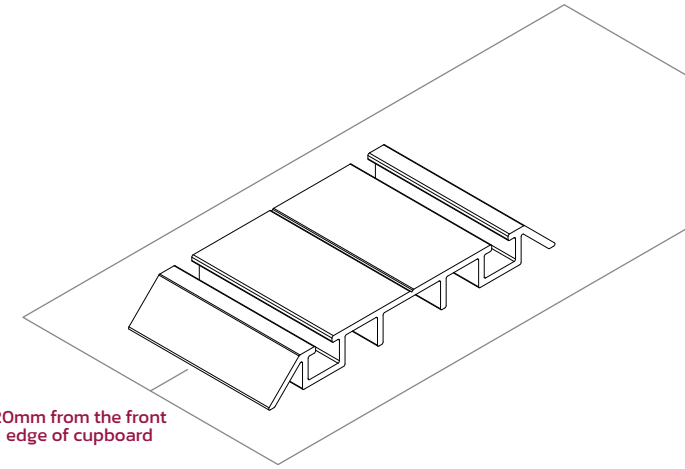


3. Upper Guide and Bottom Track

Once the Upper Guide has been cut to the correct length, fix it securely to the top of your cupboard unit using screws, finishing flush with the front of your built in cupboard.

The Bottom Track can now be fixed to the floor of your cupboard unit using silicone or screws.

Position the Bottom Track 20mm from the front of your unit.



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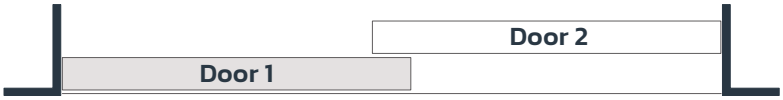
4. Calculating the Door Width

Two Doors
Door Width = (Opening Width – 34mm) / 2 + 34mm

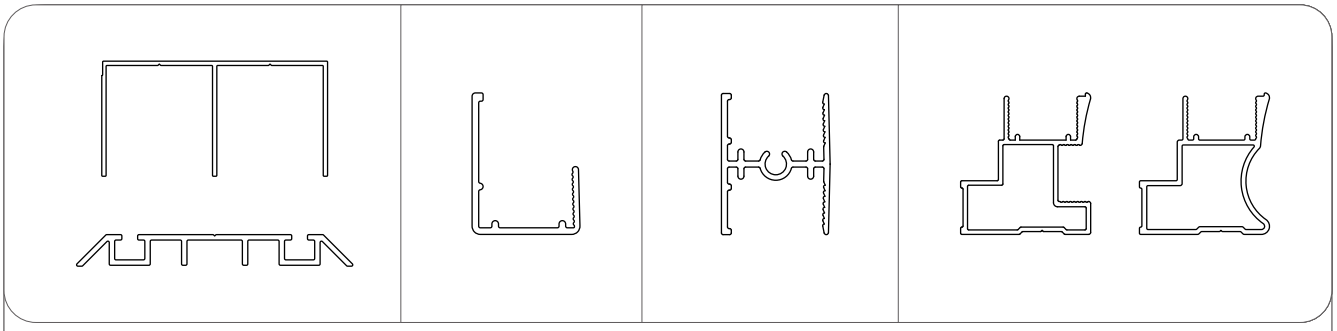


Three Doors
Door Width = (Opening Width – 34mm) / 3 + 34mm

Four Doors
Door Width = (Opening Width – 34mm) / 4 + 34mm

Five Doors
Door Width = (Opening Width – 34mm) / 5 + 34mm

5. Calculating Cutting Sizes for the Profiles



Upper Guide and Bottom Track	Top and Bottom Profile	Horizontal Profile	Vertical Grip Profile and Vertical Profile
Opening Width – 1mm	**Door Width – 68mm**	**Door Width – 68mm**	**Opening Height – 33mm**

Customisable Design

The Nitro Sliding Door System can be tailored to exact requirements, ensuring a seamless fit for built-in cupboards in a range of spaces. For homeowners looking to upgrade their living space or contractors aiming to impress clients, this quality aluminium-framed system offers a modern touch of sophistication.

Quality Hardware and Components
We believe in delivering only the best, which is why our Nitro Sliding Door System is equipped with top-notch hardware and components.

Versatile Design for Different Materials
The Nitro Sliding Door System supports a range of door materials, including **board, glass, and mirror doors**. This versatility allows for the design of unique and personalised living or working spaces.

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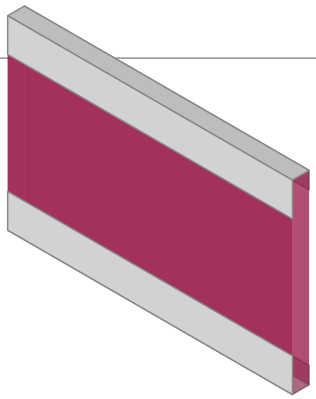
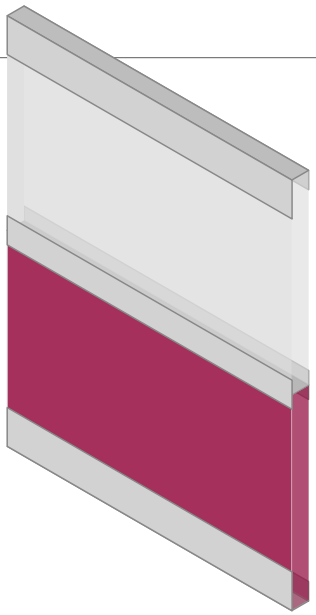
6. Calculating the Size of Your Panel Inserts (Board / Glass / Mirror)

The general rule of the sliding door is that your "Door Height" is always your "**Opening Height**" - 33mm.
Your insert (Board/Glass/Mirror) width is your "Door Width" - 48mm.



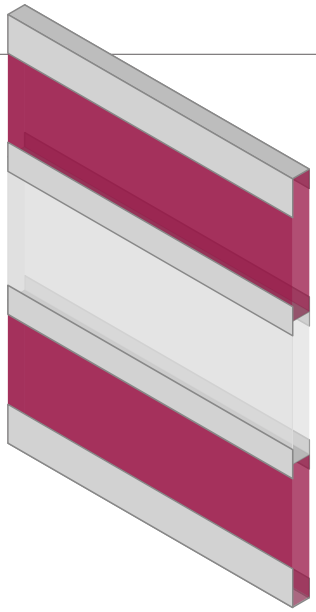
Single Insert

Insert (Board/Glass/Mirror) Height = Door Height – 6mm



Two Equal Inserts

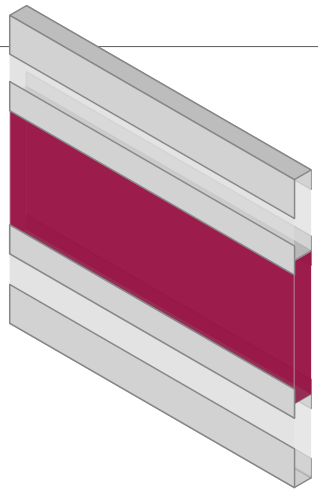
Insert (Board/Glass/Mirror) Height = (Door Height / 2) – 6mm



Three Equal Inserts

Outer Inserts (Board/Glass/Mirror) Height (Burgundy Inserts)
= (Door Height – 104mm / 3) + 33mm

Inner Insert (Board/Glass/Mirror) Height (Grey Insert)
= (Door Height – 104mm / 3) + 20mm



Three Unequal Inserts

Outer Inserts (Board/Glass/Mirror) Height (Grey Inserts)
= Visible Area + 33mm

Inner Insert (Board/Glass/Mirror) Height (Burgundy Insert)
= Visible Area + 20mm

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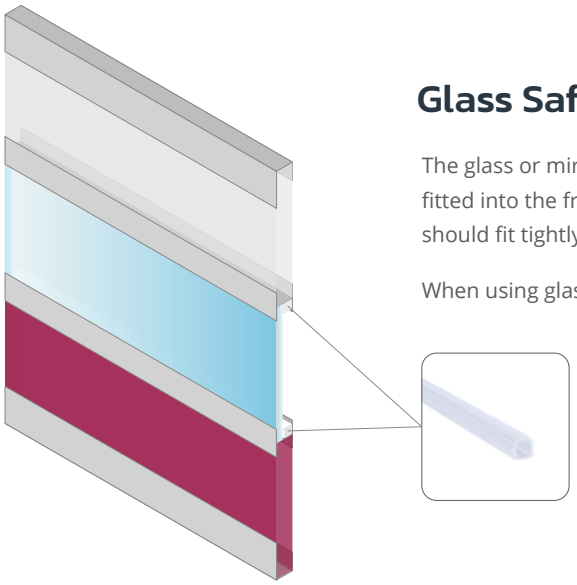


Glass Safety

The glass or mirror should be 5mm thick and have a safety film behind it when it is fitted into the frame, together with a 12mm gasket. When the gasket is installed it should fit tightly, enabling the safe use of glass in the Nitro Sliding Door System.

When using glass, request the glass supplier to polish the edge of the glass.

Gasket

The Gasket acts as a cushioning layer between glass or mirror and the aluminium frame, reducing the risk of breakage due to impacts or vibrations. This is crucial for safety.

7. Assembling a door/panel

Step 1
Your insert (Board/Glass/Mirror) should be used as the base.

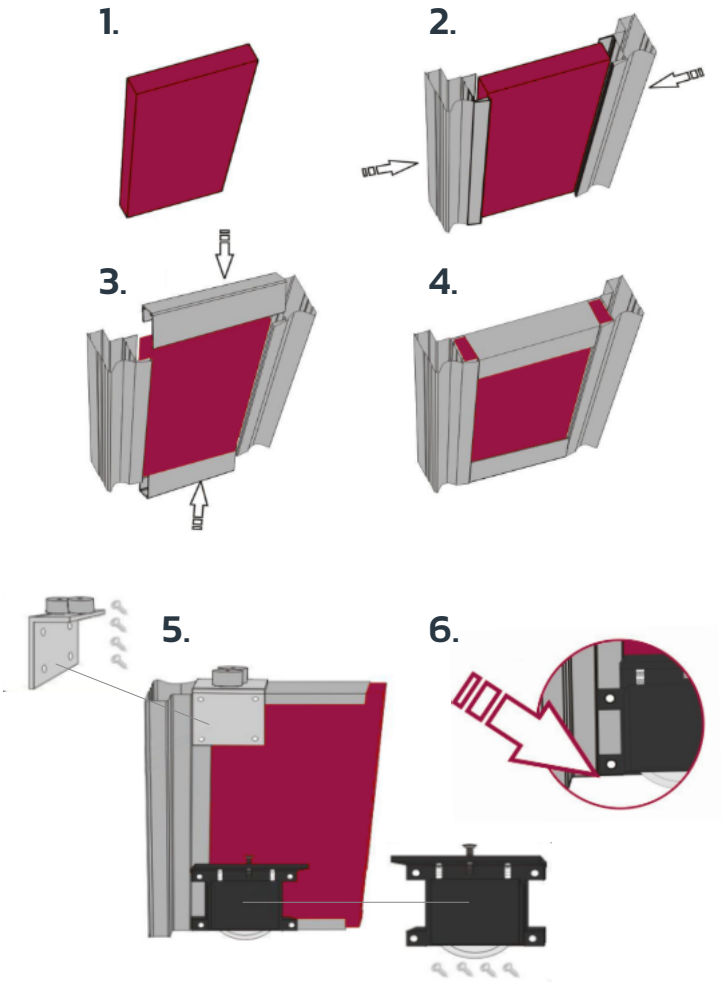
Step 2
Add the vertical profiles as indicated. The Vertical Grip Profile or Vertical Profile should clip into the insert tightly.

Step 3
Add the Top and Bottom Profiles. A rubber mallet may be used to gently tap the profiles into place.

Step 4
The Top and Bottom Profile should finish squarely next to each Vertical Profile. Using the combination square make sure all the corners are 90 degree angles.

Step 5
Once the profiles have been adjusted to 90 degrees the wheels can be fixed in place using the self tapping screws provided.

Step 6
Make sure the wheels are positioned in their designated grooves for easy installation per diagram 5 & 6.



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