Alu-glide Fitting Instructions

TOOLS REQUIRED:

Hammer Drilling machine
6 & 8mm masonry Drill bit
Normal Hack saw with a 24 tooth blade.
10 socket & Ratchet
Star / Pozi Screwdriver
Tape Measure
Level
Pencil
Flat File
Square
Hammer

STEP 1: Determining the opening height

The Alu-glide comes supplied with the 20 square verticals at **2080mm (h)** as standard. There are a few simple calculations that need to be done to ensure that your Alu-glide fits perfectly into your door opening.

Example:

A): Measure the reveal height in at least 3 places across the opening. (Fig 1.1 & 1.2)

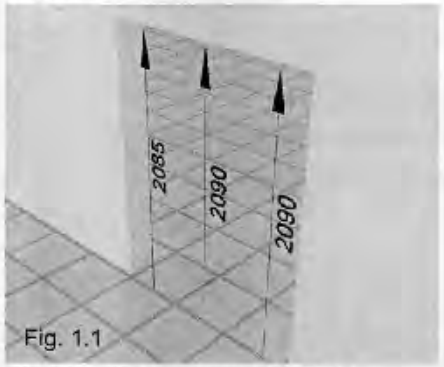

Fig. 1.1


Fig. 1.2

B): Identify the lowest height.

Height 1	Height 2	Height 3
2085	2090	2090

C): Subtract 70mm from your lowest height.

2085	–	70	=	**2015**

D): Subtract this measurement from your SUPPLIED TUBE SIZE.

2080	–	**2015**	=	********** *65* **********

You have now determined the amount of which you need to trim off the bottom of your door (*****65mm*****)

CALCULATION TABLE

FILL IN THE EMPTY BLOCKS...

Height 1	Height 2	Height 3

	–	70	=	
2080	–		=	**********

Trim this amount off the **bottom** of your door.

STEP 2: Determining the opening Width

Measure the opening reveal width top & bottom.(fig 2.1 & 2.2)
Take the top width and cut the top track to size, then follow the same procedure for the bottom track

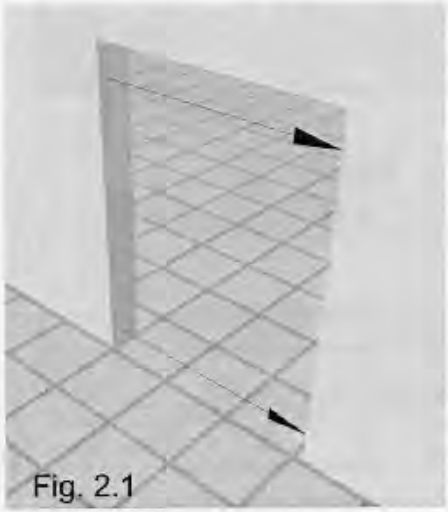
Fig. 2.1


Fig. 2.2

Note:
The tracks come predrilled. To avoid drilling new holes consider trimming both sides if necessary

Fig. 2.3
Top Track

Fig. 2.4
Bottom Track

STEP 3: Cutting the Alu-glide

Place on a suitable surface, Ie (work bench or Table)
Secure to stop movement.
Measure the amount to be removed.
Mark and scribe a line across using your square or ruler.(Fig 3.1)
Start cutting making sure to keep your hacksaw square to the tubes being cut. (Fig 3.2)
Once completed, clean the edges using your flat file.
No burs will ensure proper movement of bottom guides.

Fig 3.1

Fig 3.2

Cutting By Power Saw or Jig Saw

Make sure to use eye protection before cutting
Blade must be suitable for cutting Aluminium
1) Mark
2) Secure
3) Cut

STEP 4: Marking and Drilling

Before marking the drilling positions, make sure that the Alu-glide will not snag on any protruding door handles, skirtings etc. Also make sure you have a minimum reveal of 50mm all round (Fig 4.1) Never drill too close to the edge of a reveal - this will burst the plaster / brick. Rather angle the drill-bit further into the reveal, so that it will enable a secure fixing point (Fig 4.2)

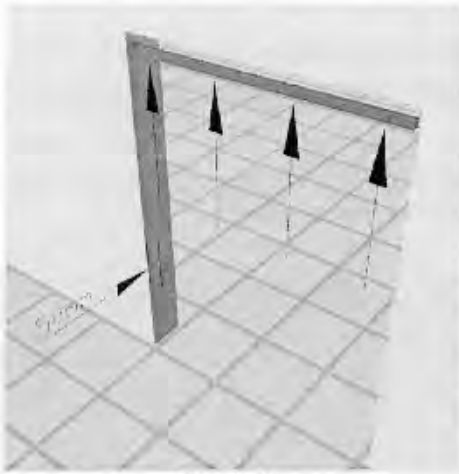

Fig 4.1

Fig 4.2

Now slide the top track onto the reveal and mark the fixing points using a sharp pencil.
Remove the track and drill the holes using your 8mm masonry drill bit. Ensure drill is in hammer mode. (Fig 4.2)

STEP 5: Fixing the Alu-glide into position.

Decide if door is to lock right or left, (i.e Lattice can face the inside or outside) and place in position to suit.

Now slide both top and bottom tracks onto the trellis door. (Fig 5)

Fig 5

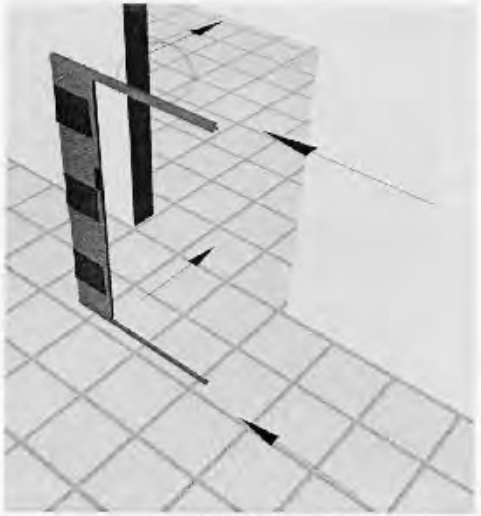

Fig 5.1

Fig 5.2

Maneuver the door and tracks into the reveal (Fig 5.1), keeping the gate to one side of the reveal. Once in place start fixing the top track in place with coach bolts supplied, using a 10mm socket & ratchet. (Fig 5.2)

A battery operated screwdriver can be used if available. (Fig 5.3)

Fig 5.3

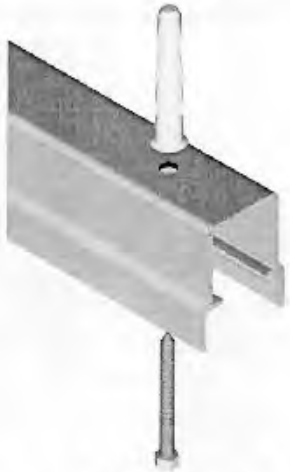

Fig 5.4 - Fixing Detail

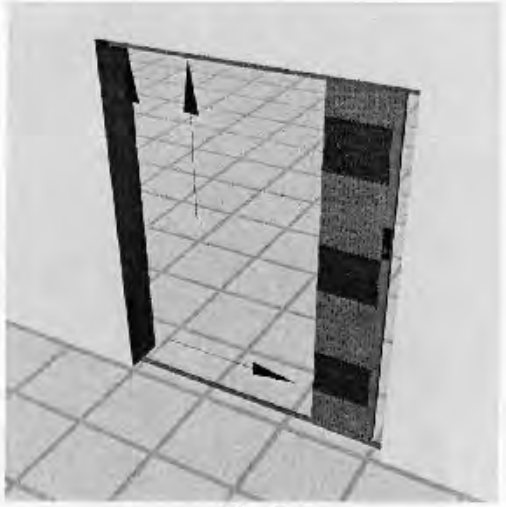

Fig 5.5

Fig 5.6

Move the gate to one side and fasten the remaining coach bolts in place.(Fig 5.5)

Let the gate hang vertically in the reveal. (fig 5.6)

STEP 6: Ensuring the gate is level.

Open the door across the opening and place a level on the vertical and make sure it hangs vertically level (Fig 6.1). Fix one end of the bottom track and repeat at the other end. (Fig 6.2)
Once completed fix remaining points to the floor.


Fig 6.1


Fig 6.2


Fig 6.3

STEP 7: Fixing to the sides

Mark, drill and fix the *non locking* side to the reveal.(Fig 7.1 & 7.2)
Do the same on the *lock* side (**NB* Insert key cylinder into lock and unlock to release lock post first)**
Once complete, push in the plastic caps to hide the bolt. (Fig 7.3)


Fig 7.1


Fig 7.2


Fig 7.3

STEP 8: Fixing the Handles

Place handles into position and tighten together.(Fig 8.1, 8.2, 8.3)
Secure the cylinder with the threaded screw provided.(Fig 8.4)


Fig 8.1


Fig 8.2


Fig 8.3


Fig 8.4

Installation is now Completed