DIY Installation Guide

Aluminium Door Frame

gelmar

Aluminium Frame Door

Door Profile

Code	L
2200	3m
2163 (with cover)	3m

90° Corners

Code	
2201	4pcs

Hinge & Plate

Code	
2202	1 pair

Glass Protector

Code	L
2203	3m

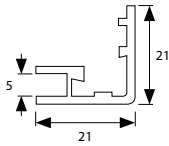
Glass Stay Adaptor

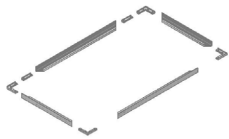
Code	
2204	1pc

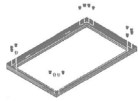
Glass Stay

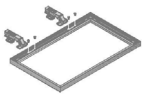
Code	Size
14	100N
1425	120N

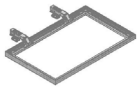
Aluminium Door Profile without back cover



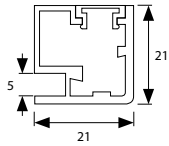


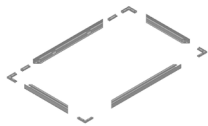


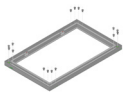


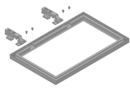


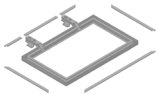
Aluminium Door Profile with back cover





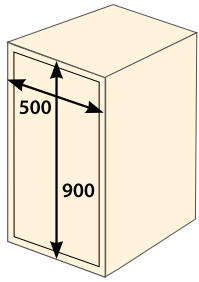






Calculating Door Size

STEP 1
Measure the outer height and width of the cupboard.
Maximum door size is 500 x 900mm

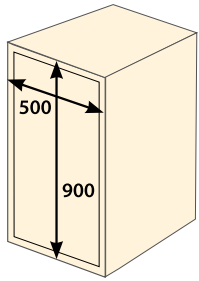


STEP 2
Calculate the Door size.
To calculate the size of doors required, use the following guideline.

Single Door:

Door Width = Outer Width -3mm

Door Height = Outer Height - 5mm



Example
Outer width = 500mm
Outer height = 900mm

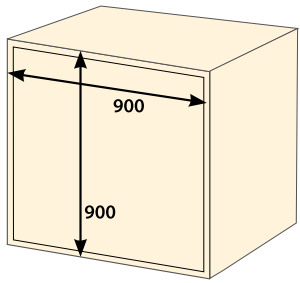
Door Height: 900 - 5 = 895mm
Door Width: 500 - 3 = 497mm

Door Size: 497w x 895h

Double Door:

Door Width = (Outer Width - 6mm) ÷ 2

Door Height = Outer Height - 5mm



Example
Outer width = 900mm
Outer height = 900mm

Door Height: 900 - 5 = 895mm
Door Width: (900 - 6) ÷ 2 = 447mm

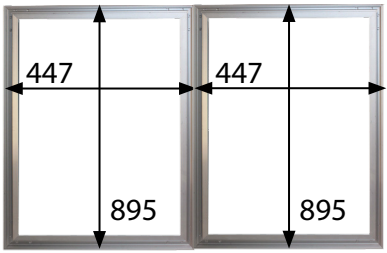
Door Size: 447w x 895h x 2 doors

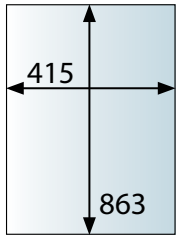
Calculating Glass Size

- Use 4mm tempered glass (can be sandblasted).
- Calculate the glass size after the frame is fully assembled.

Glass for aluminium doors
- Measure the outer width and height minus 32mm

Example:
Width 447 - 32 = 415mm
Height 895 - 32 = 863mm

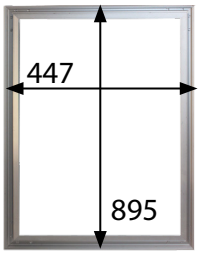


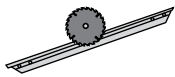


Aluminium Cutting

Gelmar will cut the aluminium frame to your specific size.
A sur-charge will be levied.

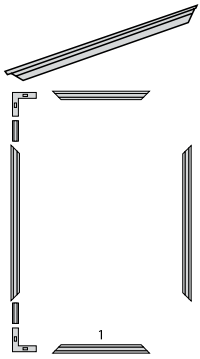
Code	Price	Description
400	R30.00	Cutting Aluminium Door Profile
402	R50.00	Cutting Aluminium Door Profile (with cover)





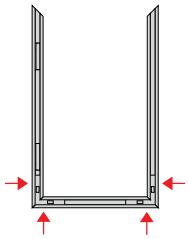
STEP 1

- Lay out the neccessary components.
- Mitre the door profile [frame] together with a glass protector at 45° to ensure an accurate fit.
- Use masking tape to mask the glass protector to the profile [frame] to ensure that it does not slip out when mitring.



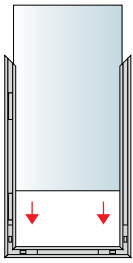
STEP 2

- Secure the screws in place to hold the frame together.
- If using the Gas Stay, slide the gas stay adapter into frame before insertion of glass.



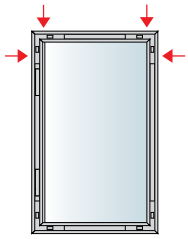
STEP 3

- Slide the glass into the frame making sure the gaskets are holding the glass in place.



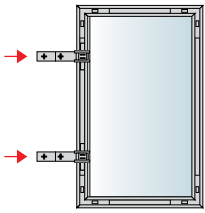
STEP 4

- Secure the screws in place to complete the Frame Assembly.



STEP 5

- Place hinges on to the spacer and screw in to place until secure.
- Mount hinges as close as possible to the edge of the 90 degree corners.

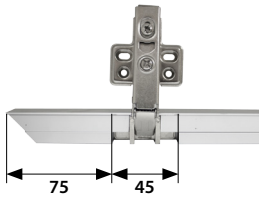


Aluminium Cutting Assembly

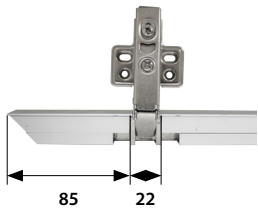
Cutting Aluminium Door Profile (with cover) for Hinge

The Aluminium Door Profile (with cover) has to be cut to fit the Hinge.

A cutout 45mm wide must be made 75mm from the edge of the Profile.



Cut the Profile Cover to fit.



Assembling Door Profile (with cover) with Hinge

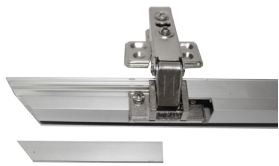
Follow the steps below to insert the Hinge in the Aluminium Profile with cover.

Cut the Profile according to instructions.

Slide Hinge Plate in place.

Slide Hinge in place and secure it with screws.

Cut the Profile Cover and insert into the Profile

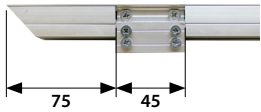


Aluminium Cutting Assembly

Cutting Aluminium Door Profile (with cover) for Gas Stay Adaptor

The Aluminium Door Profile (with cover) has to be cut to fit the Stay Adaptor.

A cutout 45mm wide must be made 75mm from the edge of the Profile.



Assembling Door Profile (with cover) with Gas Stay Adaptor

Follow the steps below to insert the Hinge in the Aluminium Profile with cover.

Cut the Profile according to instructions.

Slide Hinge Plate in place.

Slide Gas Stay Adaptor in place and secure it with screws.

Cut the Profile Cover and insert into the Profile