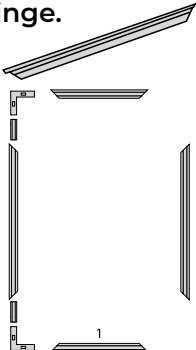
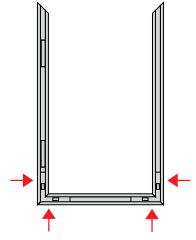


Cutting and Assembling the Aluminium Door Profile (without cover) for Hinge.

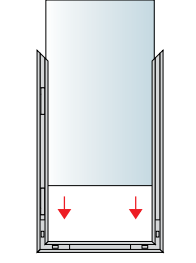
STEP 1
Lay out the necessary components.
Mitre the door profile (frame) together with a glass protector at 45° to ensure an accurate fit.
Use masking tape to secure the glass protector to the profile (frame) to ensure it does not slip out while working.



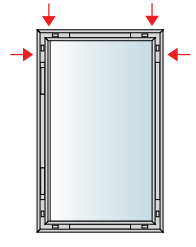
STEP 2
Secure the screws in place to hold the frame together.
If using the Gas Stay, slide the gas stay adapter into the frame before inserting the glass.



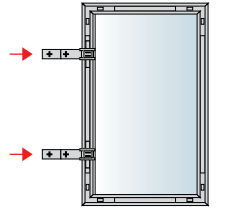
STEP 3
Slide the glass into the frame making sure the glass protectors are holding the glass in place.



STEP 4
Secure the screws in place to complete the frame assembly.



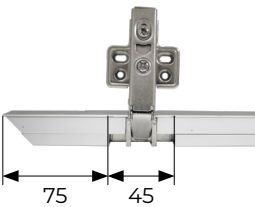
STEP 5
Place hinges onto the spacer and screw in place until secure.
Mount hinges as close as possible to the edge of the 90° corners.



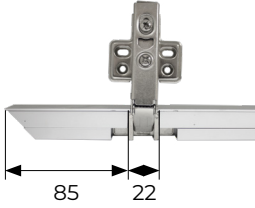
Cutting and Assembling the Aluminium Door Profile (with cover) for Hinge.

The aluminium door profile (with cover) has to be cut to fit the hinge.

Cut the profile (front) to fit the hinge: Cutout to be 45mm wide, 75mm from the edge of the profile.




Cut the profile cover to fit the hinge: Cutout to be 22mm wide, 85mm from the edge of the profile cover




Inserting the hinge into the aluminium profile with cover.

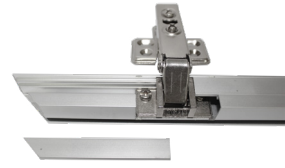
Cut the profile according to instructions.



Slide hinge plate in place and secure it with screws.



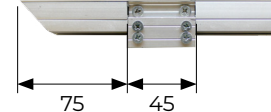
Cut the profile cover and insert into the profile.



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


The aluminium door profile (with cover) has to be cut to fit the gas stay adaptor.

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




Inserting the gas stay adaptor into 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



02/2025









DIY Installation Guide

21mm Aluminium Door Frame

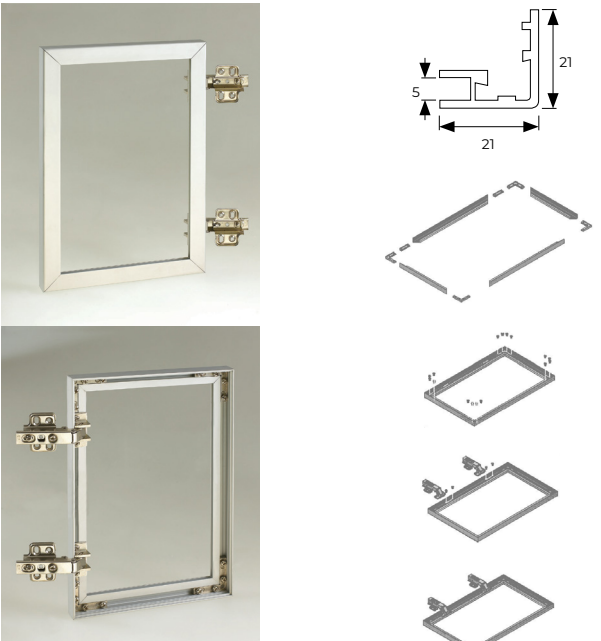
Aluminium Frame Door



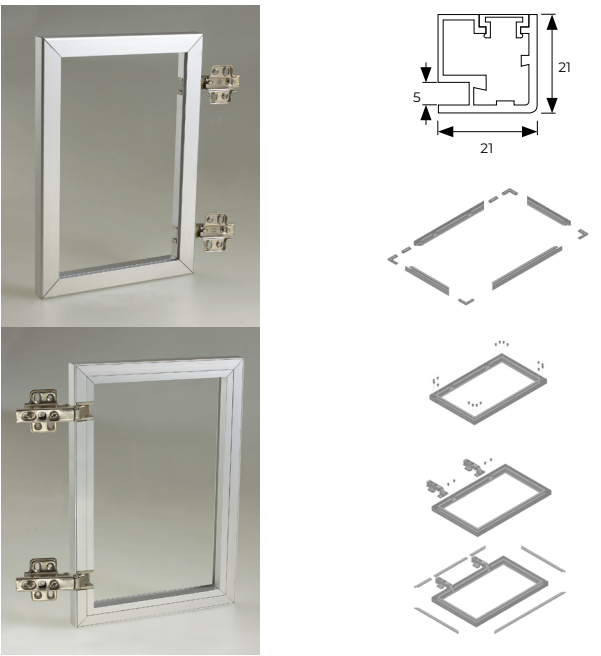
					
3m Door Profile		4pc 90° Corners		1 Pair Hinge & Plate	
Code	Finish	Code	Finish	Code	Finish
2200	Silver	2201	Silver	2202	Silver
2163 (with cover)	Silver	2220	Black	2221	Black
2206	Black				
2223 (with cover)	Black				

					
Glass Protector		Glass Stay Adaptor		Glass Stay	
Code	L	Code	Finish	Code	Size
2203	3m	2204	Silver	1224	60N
		2222	Black	14	100N
				1426	150N

Aluminium Door Profile without back cover

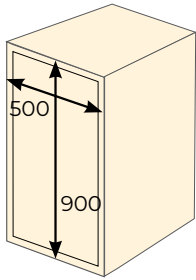


Aluminium Door Profile with back cover



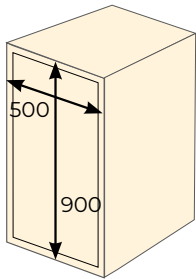
Calculating Door Size

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

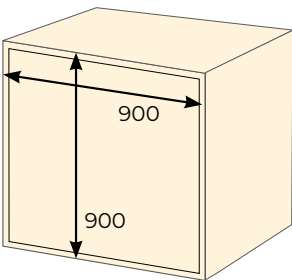


STEP 2
Calculate the door size.
To calculate the size of doors required, use the following guideline:

Single Door:
Door width = outer width - 3mm
Door height = outer height - 5mm
Example:
Outer width = 500mm
Outer height = 900mm
Door width: 500 - 3 = 497mm
Door height: 900 - 5 = 895mm
Door size: 497mm(w) x 895mm(h)



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: 447mm(w) x 895mm(h) x 2 doors

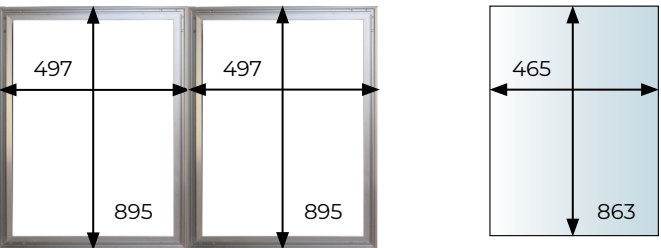


Calculating Glass Size

Use 4mm tempered glass (can be sandblasted).
Calculate the glass size after the frame is fully assembled.
To calculate the size of glass required, use the following guideline:

Glass width = frame outer width - 32mm
Glass height = frame outer height - 32mm

Example:
Width 497 - 32 = 465mm
Height 895 - 32 = 863mm



Aluminium Cutting

Gelmar offers an offsite cutting service.
Please request an order form from a store associate.

Disclaimer: If this product is not installed according to these specifications, Gelmar will not be liable for any damages.