

GateWay Entry Door Install Guide

By Total Composites Technologies Ltd

-This booklet should serve you as a general guide on how to install the GateWay series entry door with stepped FRP profile frame .

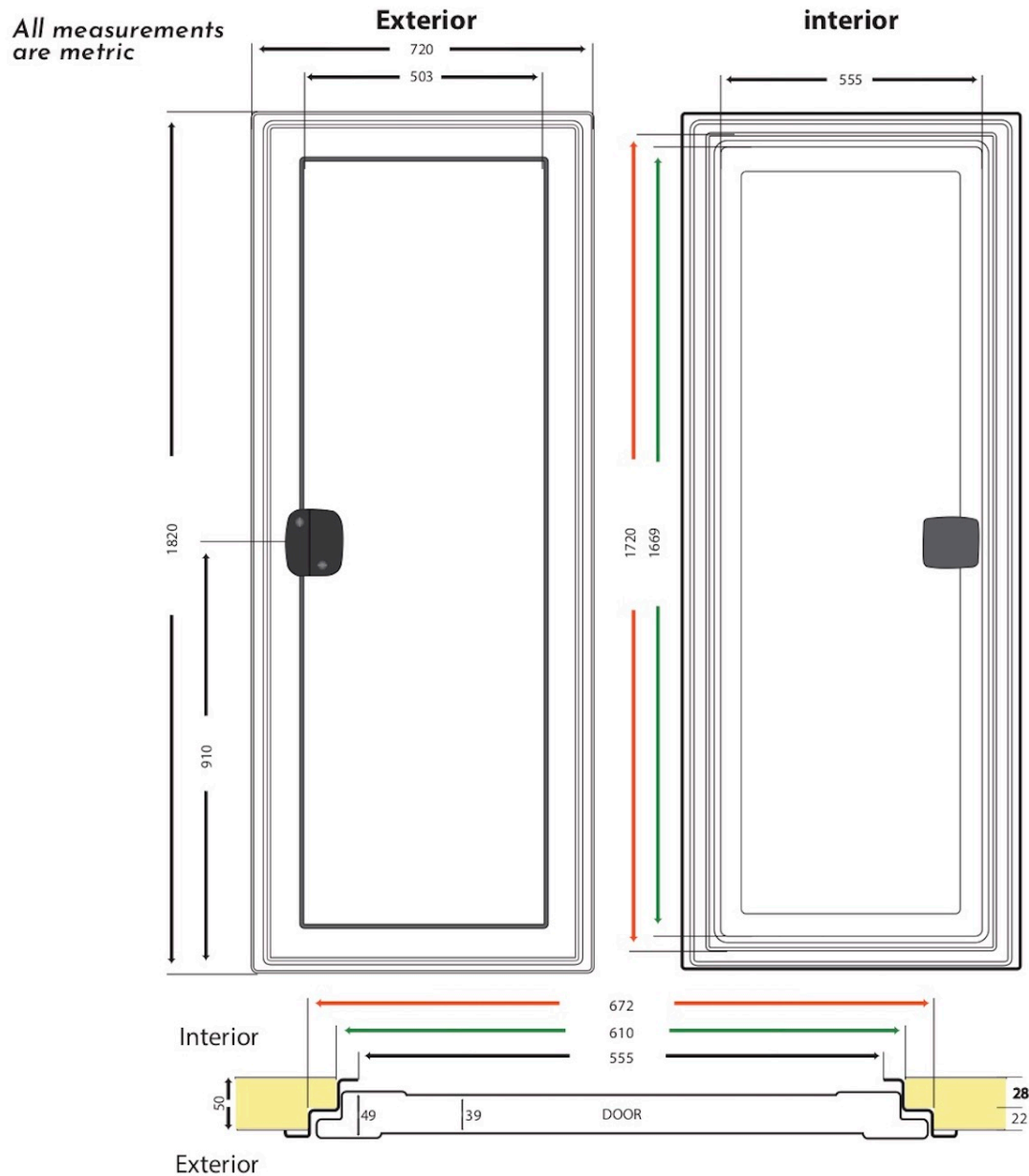
-We highly recommend to read through and follow our recommendations.

-**Always** measure twice and consult with a co-worker or friend to double check measurements before cutting the sidewall opening.

-Check for squareness and tight fit before applying glue!

Tools needed:

Drill
Drill bit (3/8)
Masking tape
Pencil
Straight edge
Fein Multimaster with composite rated blade
Caulking gun
Koemmerling 225 adhesive (2 tubes)
Soap/water solution in spray bottle
Putty knife
Clamps and cowlings to hold door in place while adhesive dries.



-Familiarize yourself with the door it's functions and dimensions. Cross check dimensions on drawing with actual door! Our doors are handmade and slight variations may be possible.

-Mask off the area where door will be installed. You can either do these steps before or after the body is assembled.

-With a straight edge mark out the cutting lines and corners.

Please note: ONLY THE INNER LINES ARE BEING CUT THROUGH! The outer line will ONLY go through the outer FRP skin.



-Get a second person to double check ALL measurements before you proceed!

-Drill radius in each corner to prevent fracturing of the FRP in the future. We recommend doing this with a drill bit size $\frac{3}{8}$. Be careful with the drilling depth!



-Use the Multimaster to cut out the **INNER** pencil lines.



-Use Mustimaster to cut **OUTER FRP Skin** to **half panel thickness** depth



Test fit door. Make sure the frame is not binding or in any way twisted. This could later prevent the door from closing proper.

-Clean all parts from dust and clean surfaces with denatured alcohol

-Apply Koemmerling 225 adhesive generously. You want to see “squeeze out” .



-Fasten cowlings, clamps to hold door in place.



-Please note that the adhesive will have a thickness of roughly 4-5mm. This means the curing time could easily be 48 hours at 15-20C .

-Use Water/soap spray bottle to clean up access adhesive.

-We recommend to install opening limiters to avoid possible damage to neighbouring windows and camper body it self.





To finish off the interior:

We recommend to fill gaps with the remaining adhesive and trim.

