



**DOMINO
CLAMPS™**

Container Clamps Ltd
T/A Domino Clamps
Ground Floor, Lower
111 Charterhouse Street
London EC1M 6AW

dominoclamps.com

0208 1234 121

Date: 21st Sept 2022

Domino Ramp Single & Double assembly instructions

How to assemble the Domino Clamps single width container ramp



You will need:

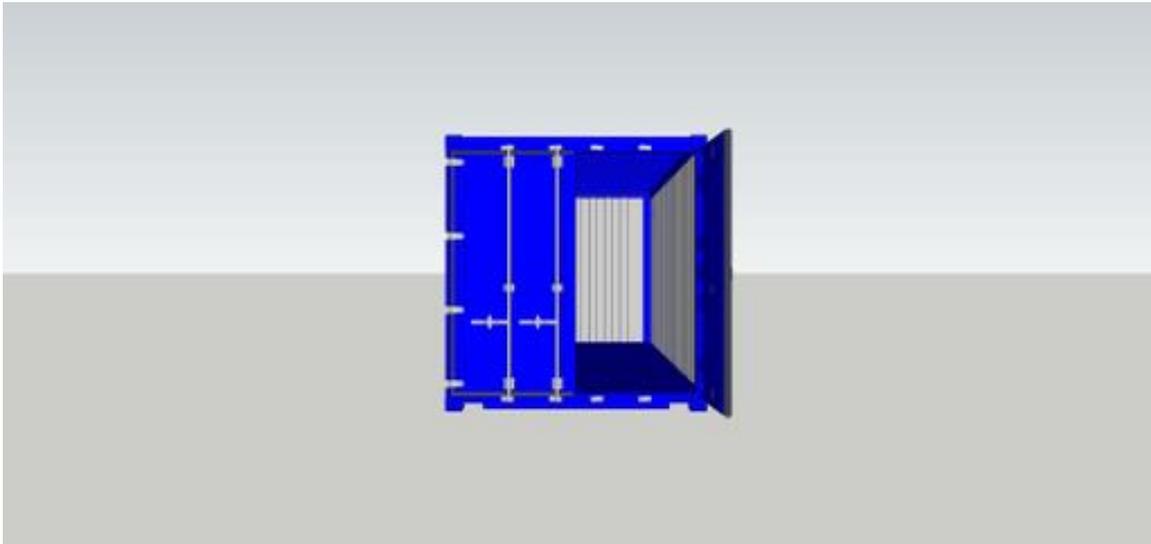
Materials: (included)

Domino Clamps - 2pcs
CAD drawing - 1pcs
4x40mm screws - 43pcs
M12x40 Set screws - 8pcs
M12 Penny washers - 8pcs

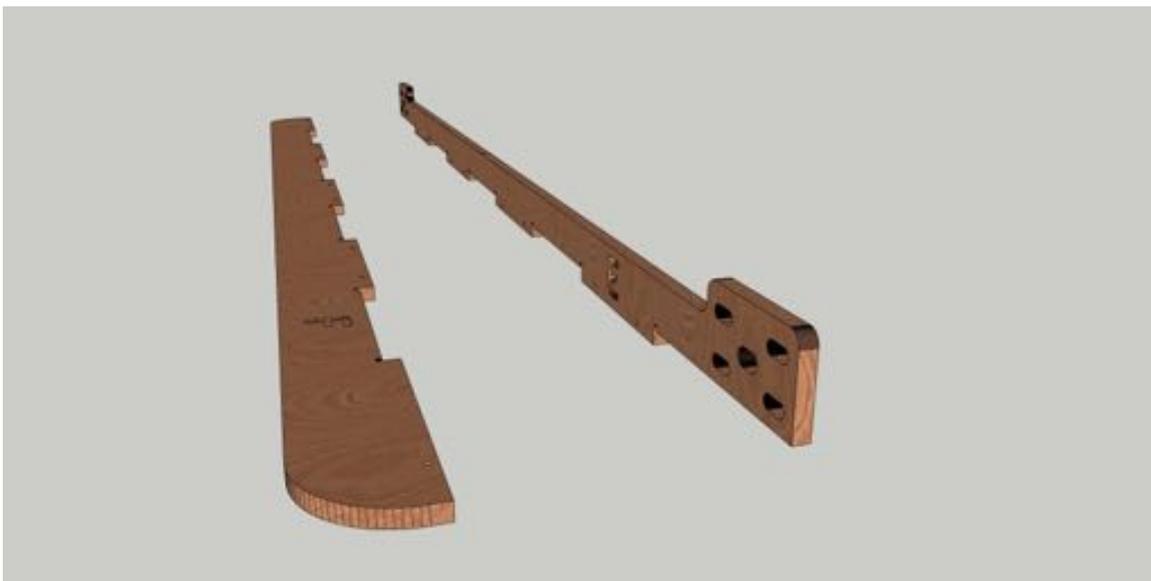
Tools: (not included)

10mm hex key
19mm or adjustable spanner
Electric Drill/driver with PZ2 bit
Wood glue (optional)

Open the door of the container the ramp is to lead up to.



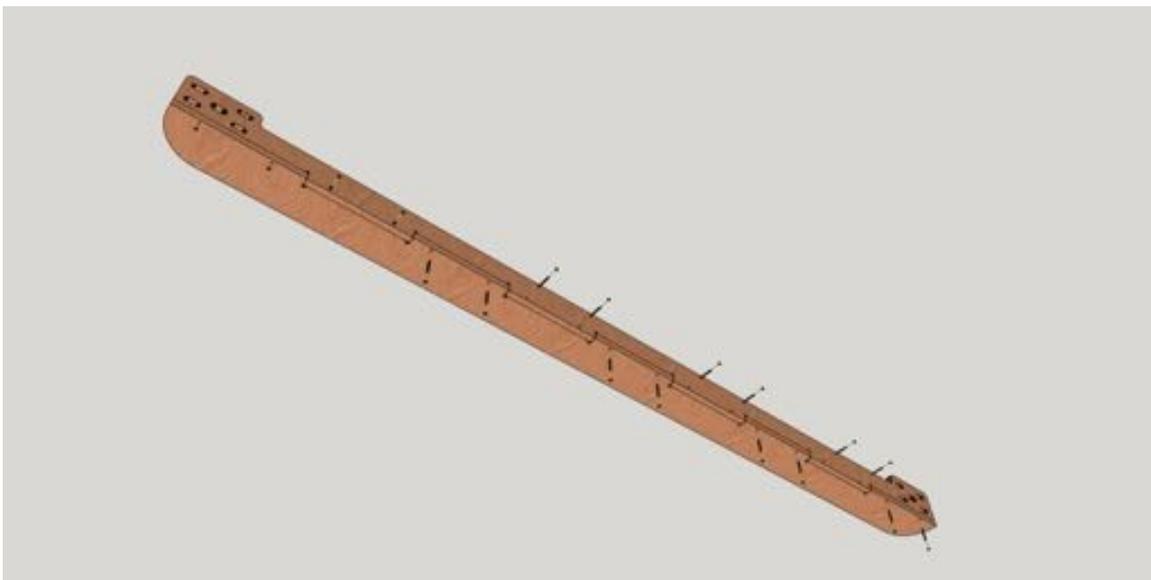
With Part E on edge (90 degrees) to Part F laying flat...



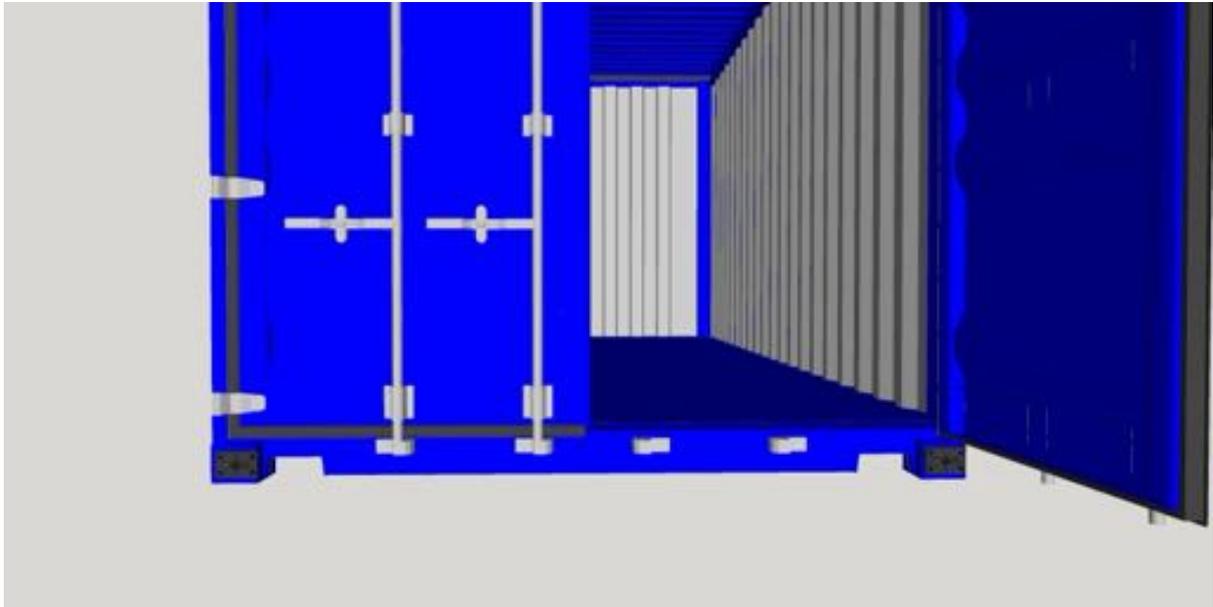
...line up and slide part F so the tabs interlock.



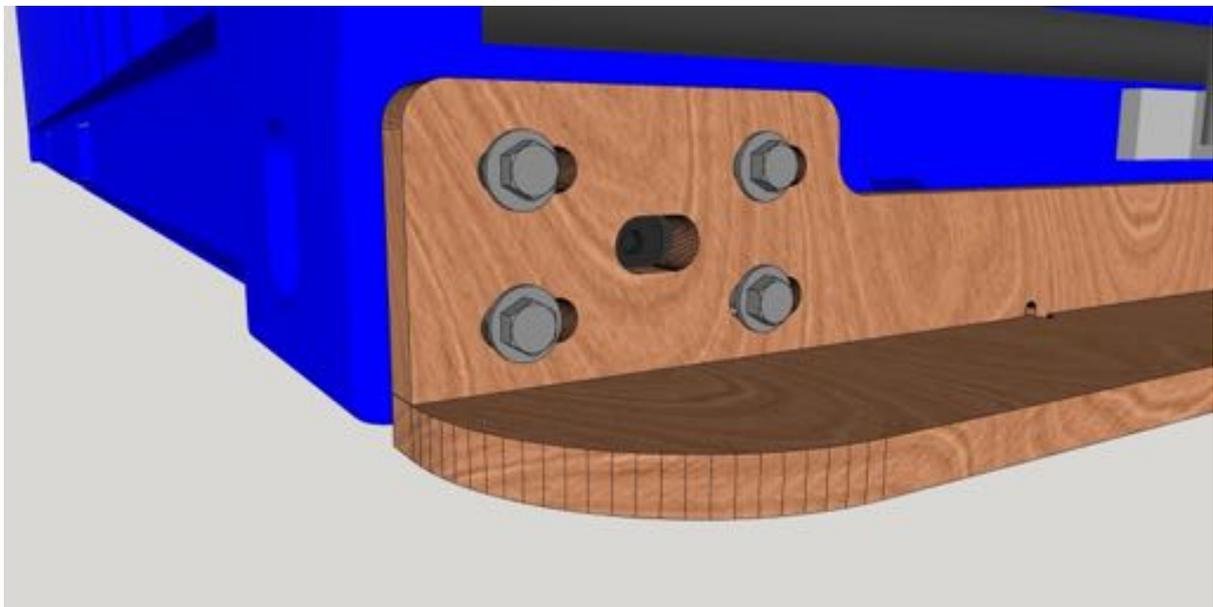
Using 4x40mm wood screws join parts E and F through the holes behind and underneath.



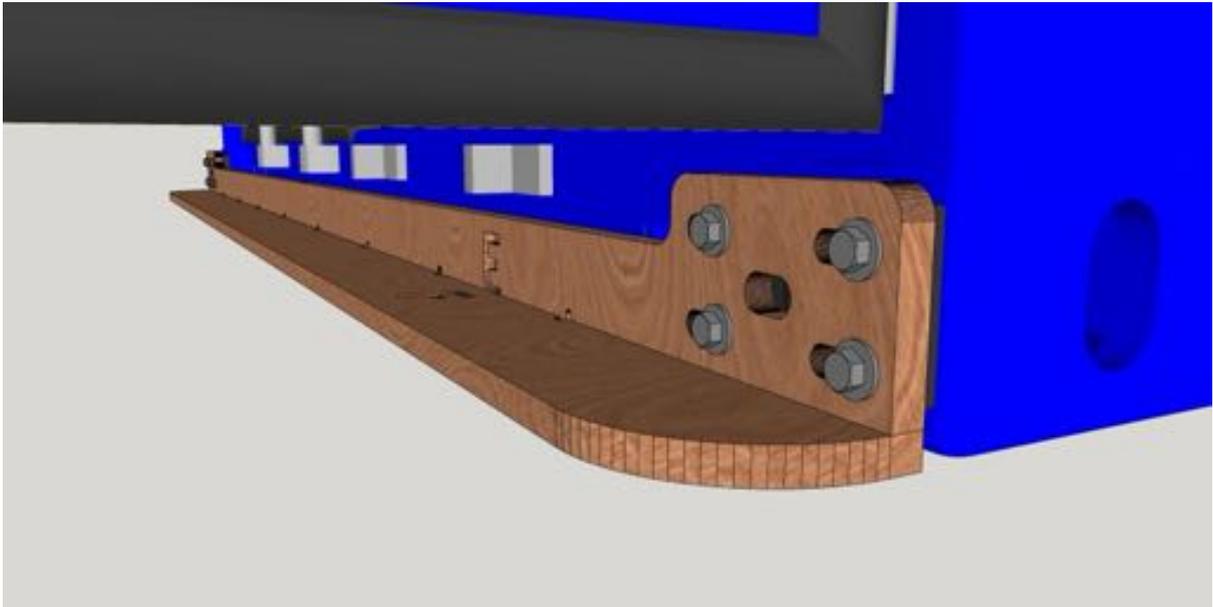
Attach a Domino Clamp to each of the lower holes on the front of the shipping container.



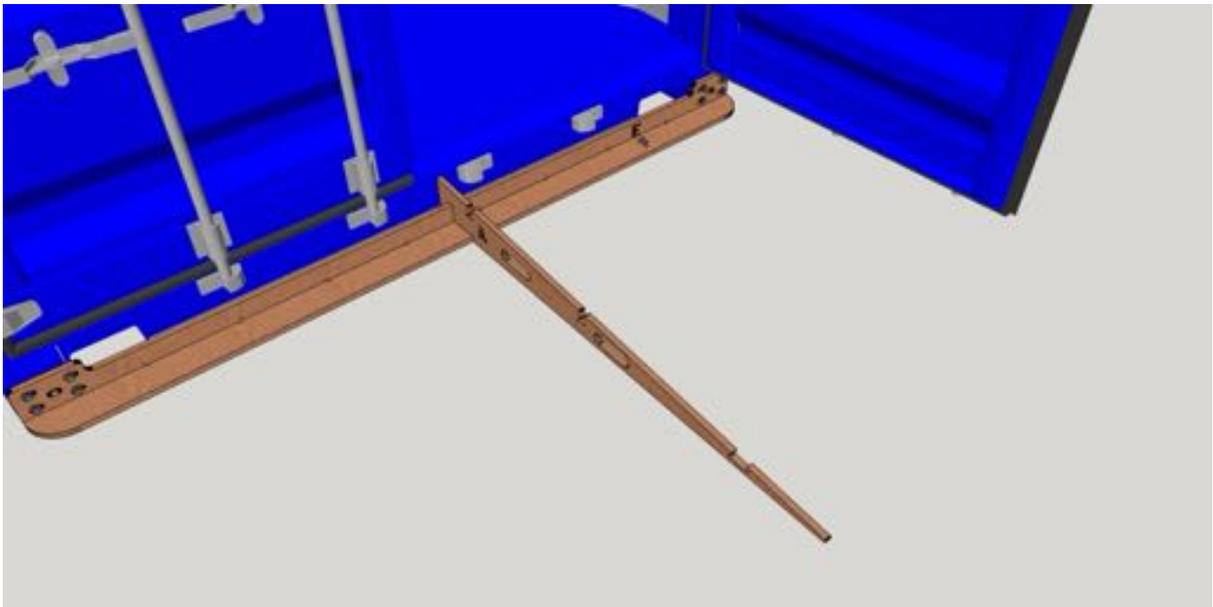
Position the joined parts E and F over the left Domino Clamp and attach using the 40mm M12 screws and washers. Loosely tighten so the position of E/F remains adjustable and easy to line up over the other Domino Clamp.



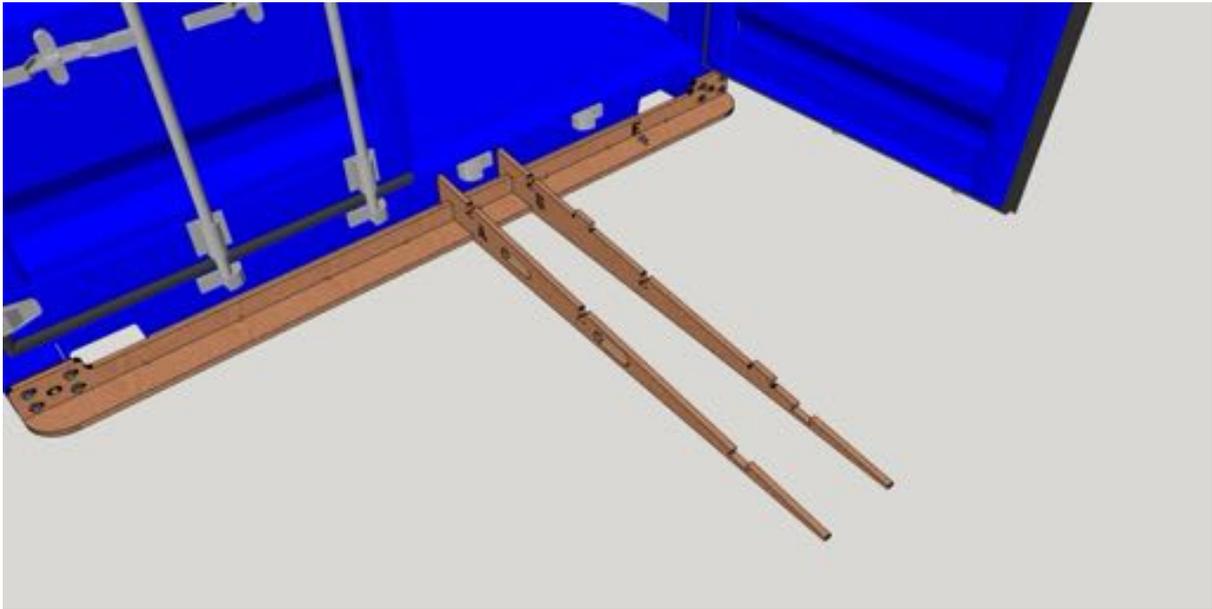
Attach the right hand side of E/F to the other Domino Clamp.. When all the screws are in position, tighten each one firmly.



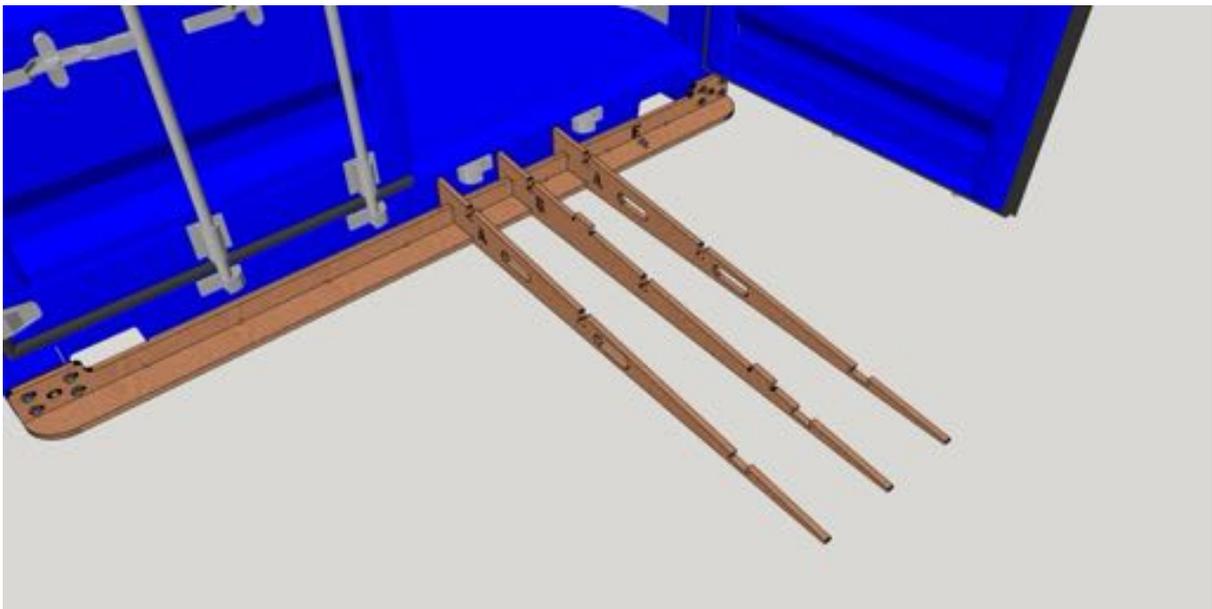
Slot one of the Part A pieces onto E/F near the left hand side of the door opening.



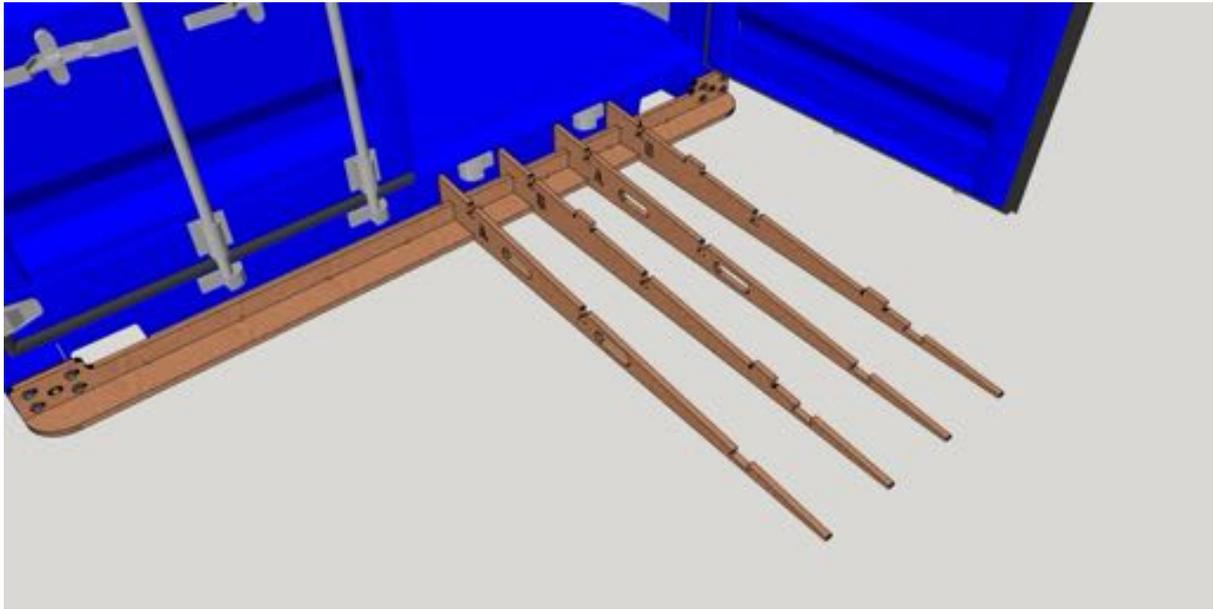
Repeat with part B leaving a gap of approx 200mm towards the door



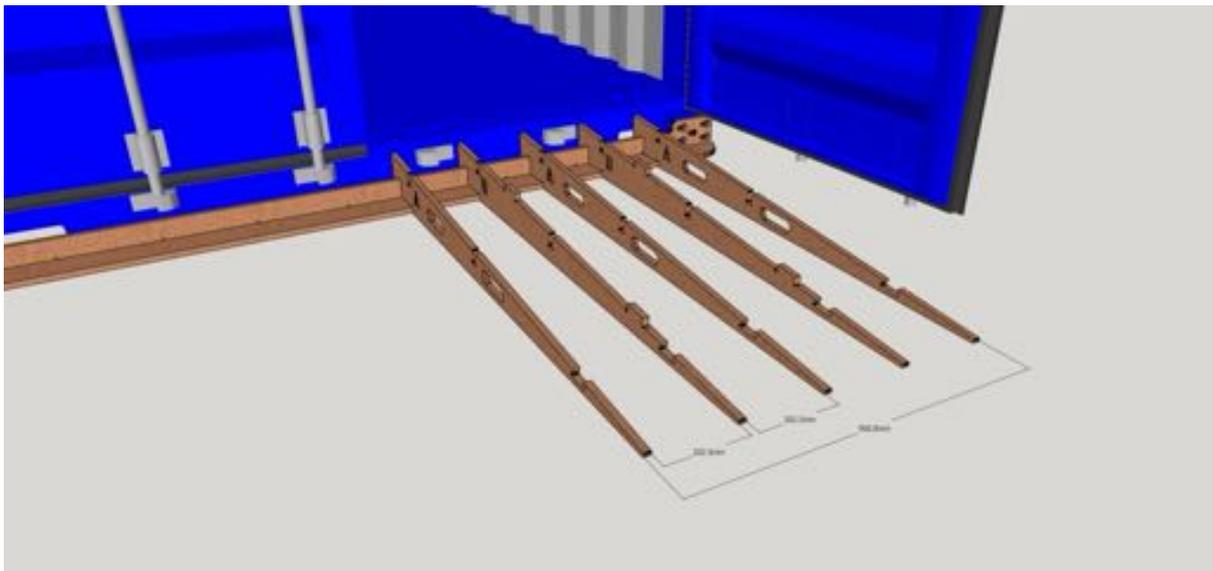
Alternate the remaining part A and Part Bs...



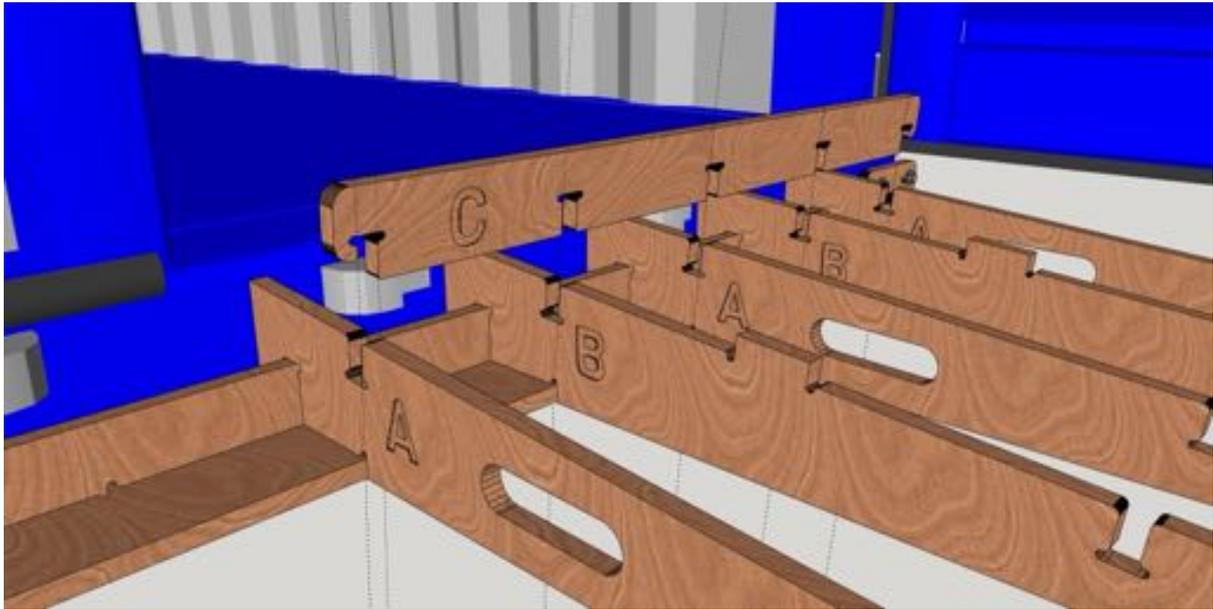
...equally spacing them...



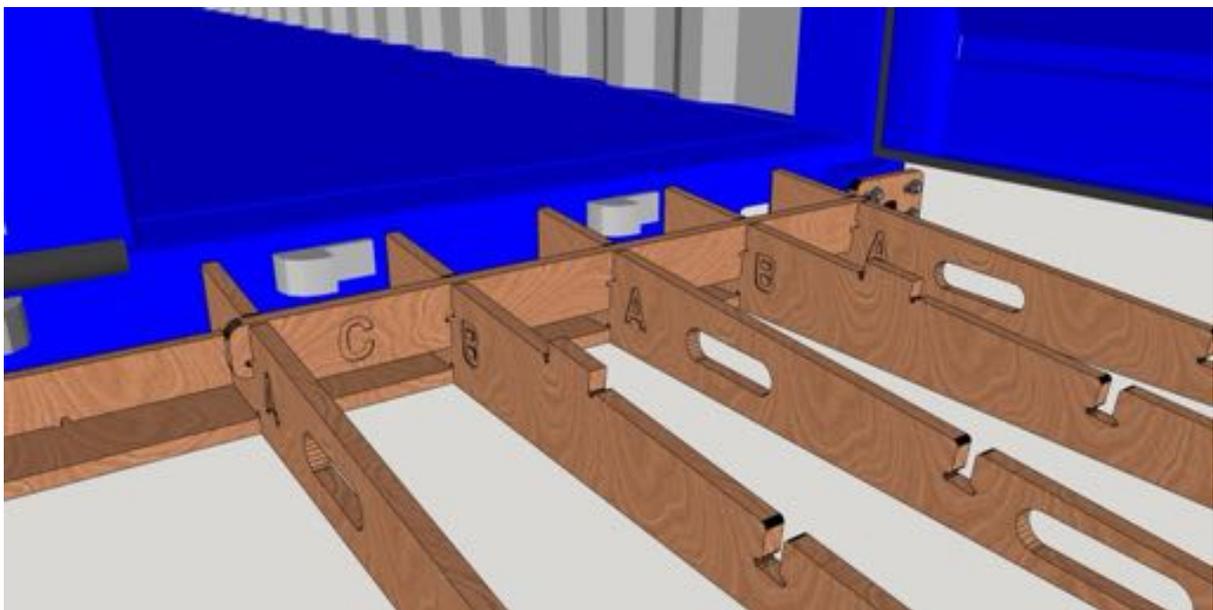
...across the width of the 900mm wide ramp. (This can be approximate for now)



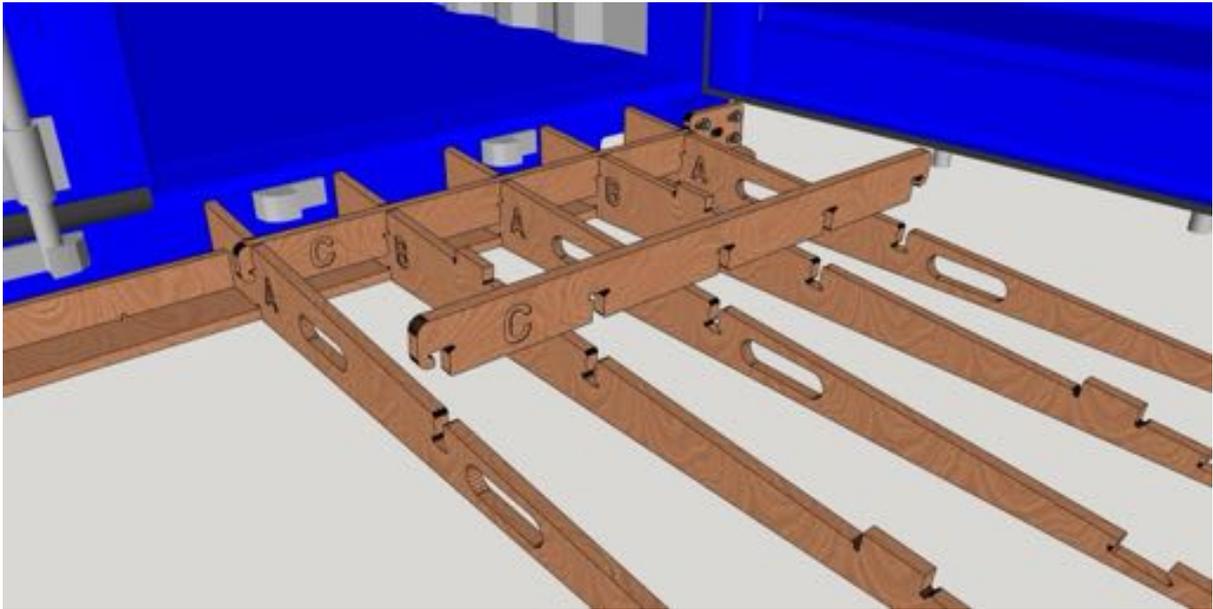
Position part C (slots pointing down) over the corresponding slots of parts A and B.



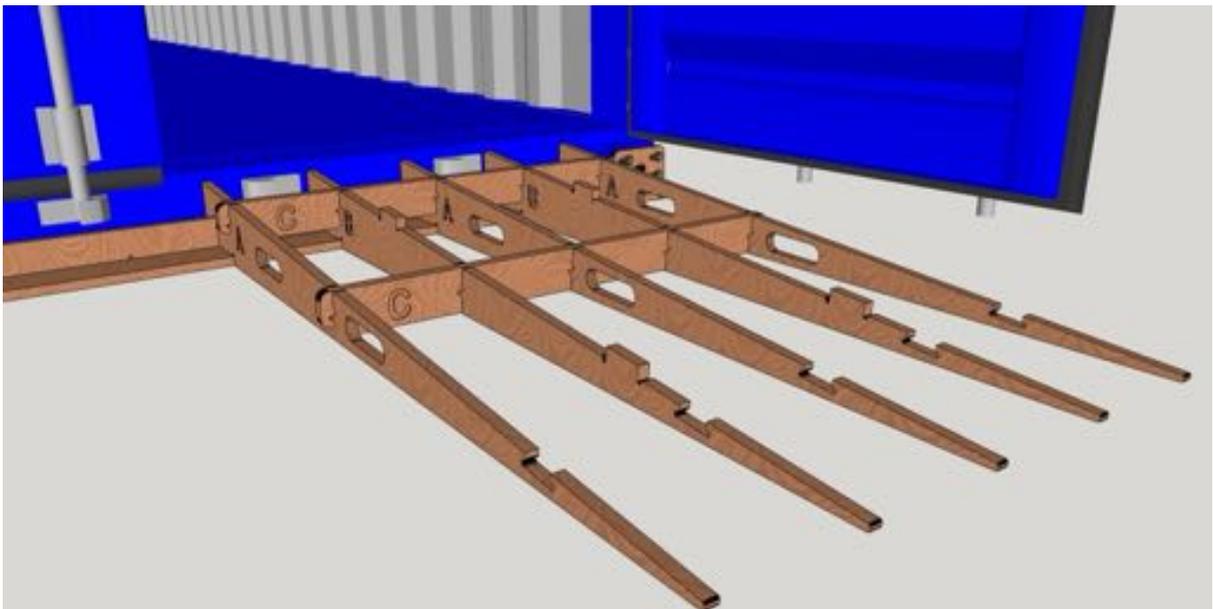
Adjust A and B positions where necessary so that C slots into all five pieces, locking them all together.



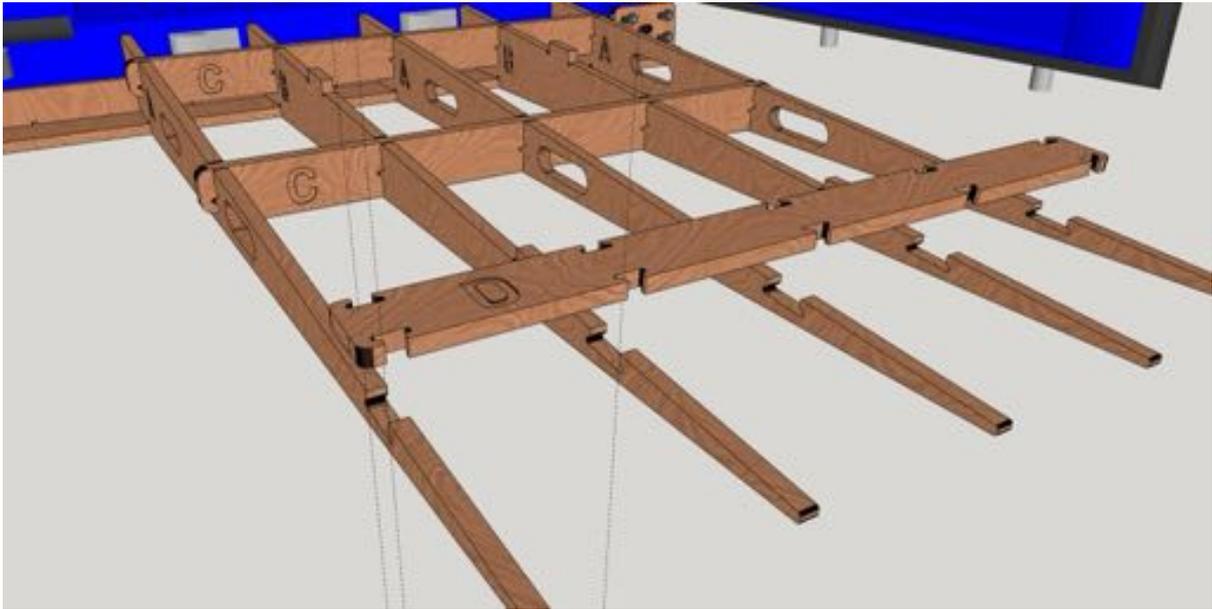
Slot the remaining part C into the corresponding slots...



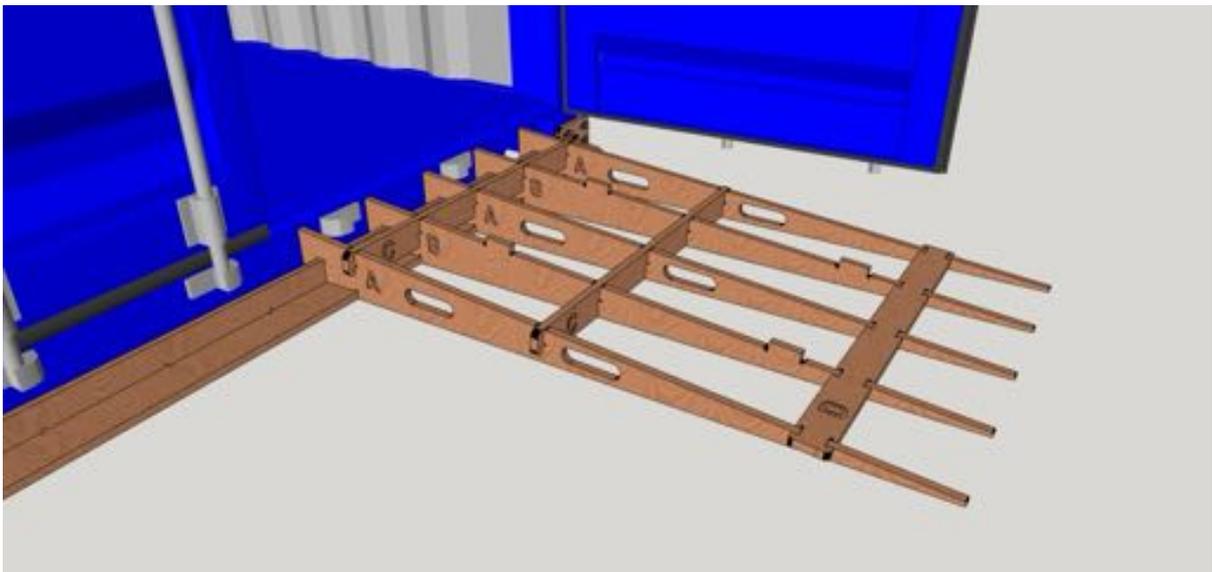
...half way down the ramp framework.



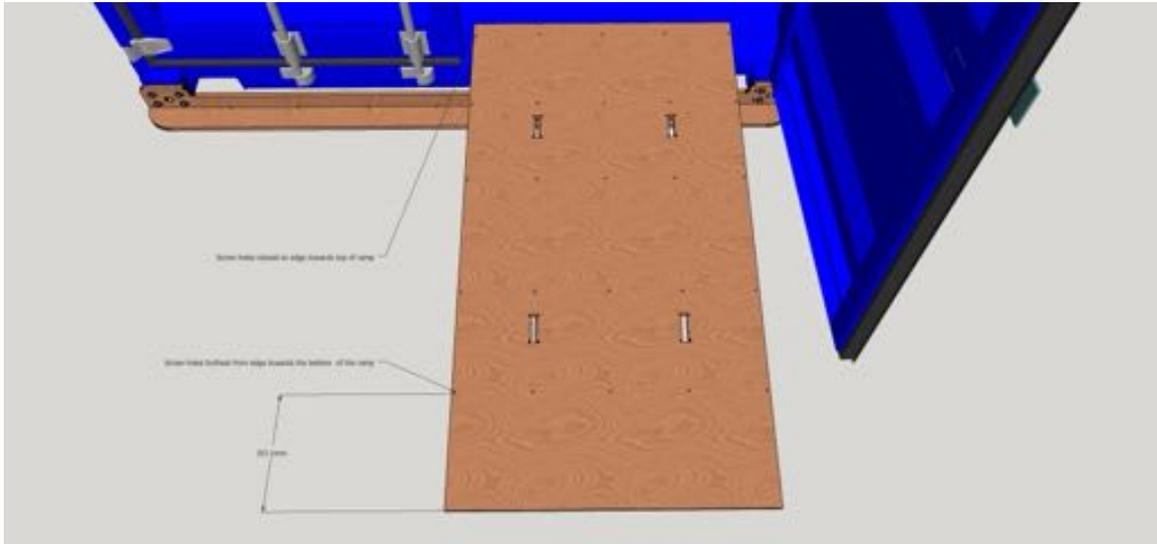
With part D flat, line it up over the remaining slots in the A/B frame.



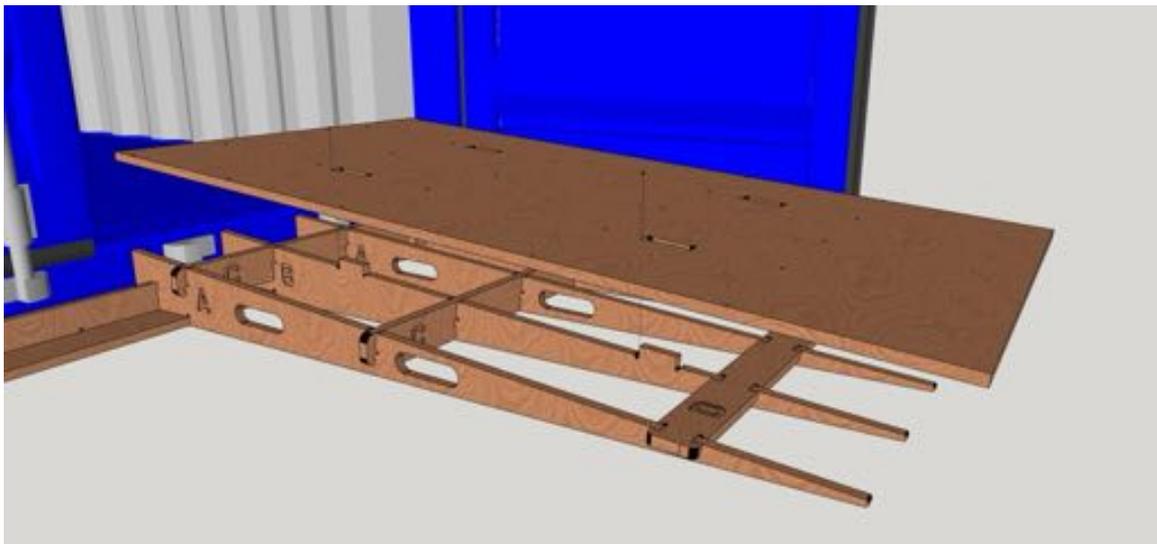
Drop it into position completing the support frame for the 900mm wide single ramp.



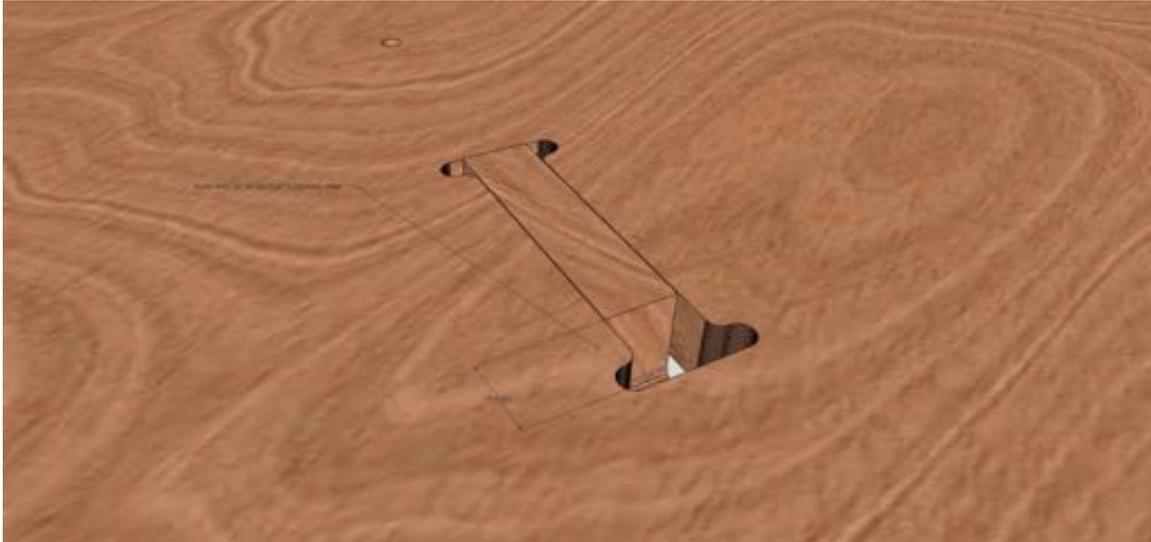
Line up the ramp surface so the line of screw holes close to the edge are at the top of the ramp.



Line up the four protruding tabs on parts B with the holes in the ramp surface...

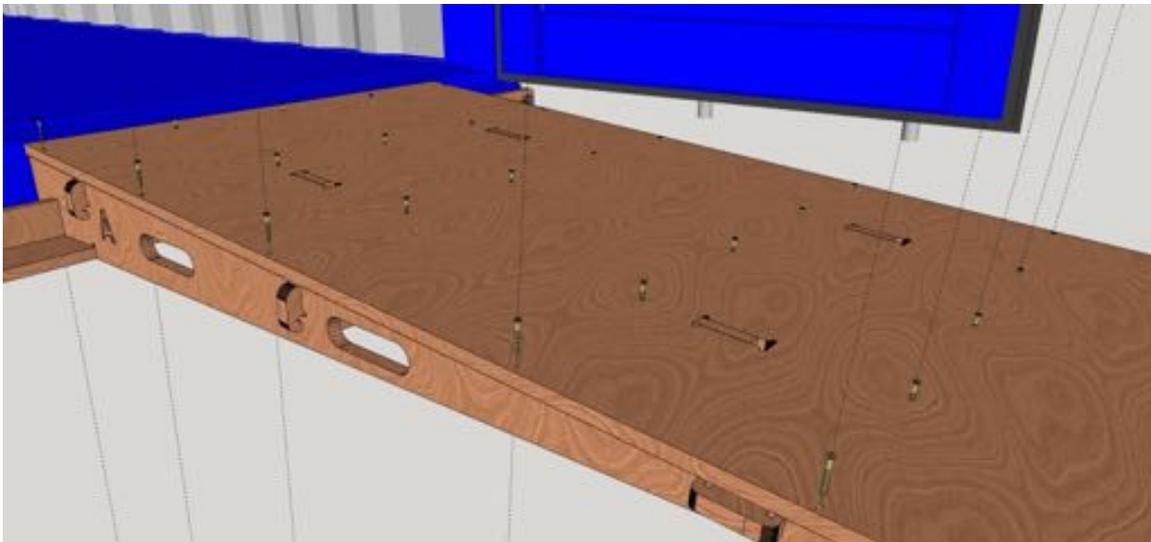


...until it sits flush to the ramp framework.



If needed, a small amount of adjustment can be made to the ramp surface's position so it can be slid flush to the doorway's edge.

When you are happy with the assembly of the ramp and the deck position, secure the surface to the framework using 4x40mm wood screws, tightening them flush to the surface through the holes in the deck surface (25 in total).



You may also wish to use a small amount of wood glue between the A/B framework and the ramp surface.

We recommend finishing the ramp (especially the E/F bracket) with a couple of coats of polyurethane varnish, watered down PVA, or similar protective finish.

When not in use, the ramp can lift off the E/F ridge and the container door can be closed.

How to assemble the Domino Clamps double width container ramp



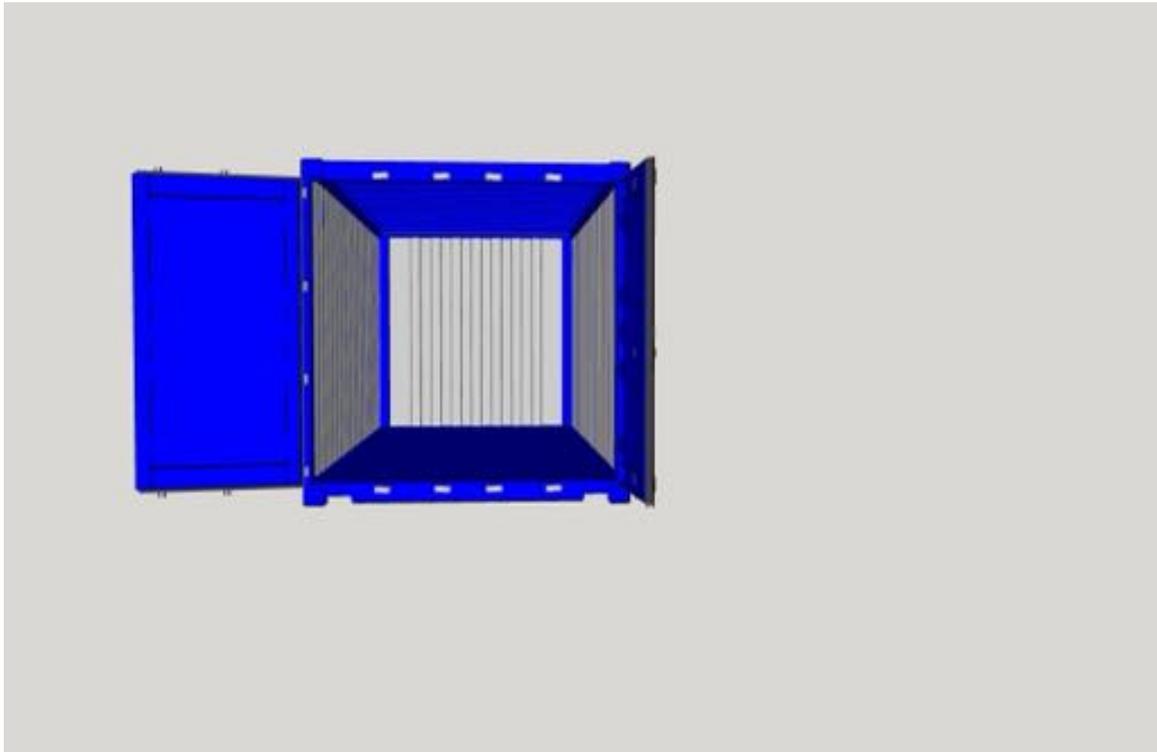
Materials: (in the kit)

Domino Clamps - 2pcs
CAD drawing - 1pcs
4x40mm screws - 86pcs
M12x40 Set screws - 8pcs
M12 Penny washers - 8pcs

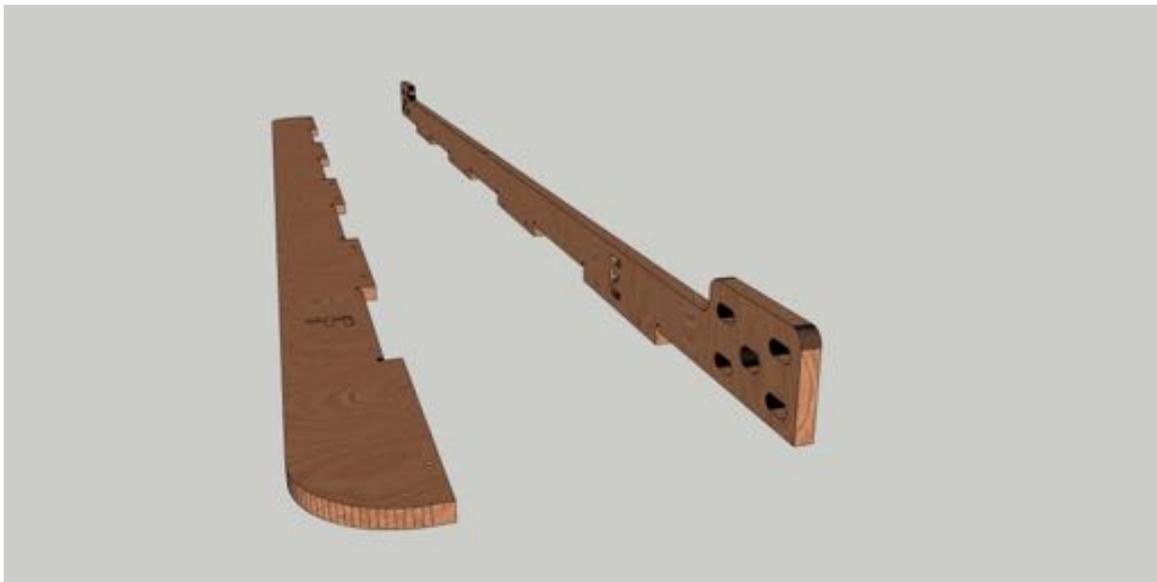
Tools: (not included)

10mm hex key
19mm or adjustable spanner
Electric Drill/driver with PZ2 bit
Wood glue (optional)

Open both doors of the container.



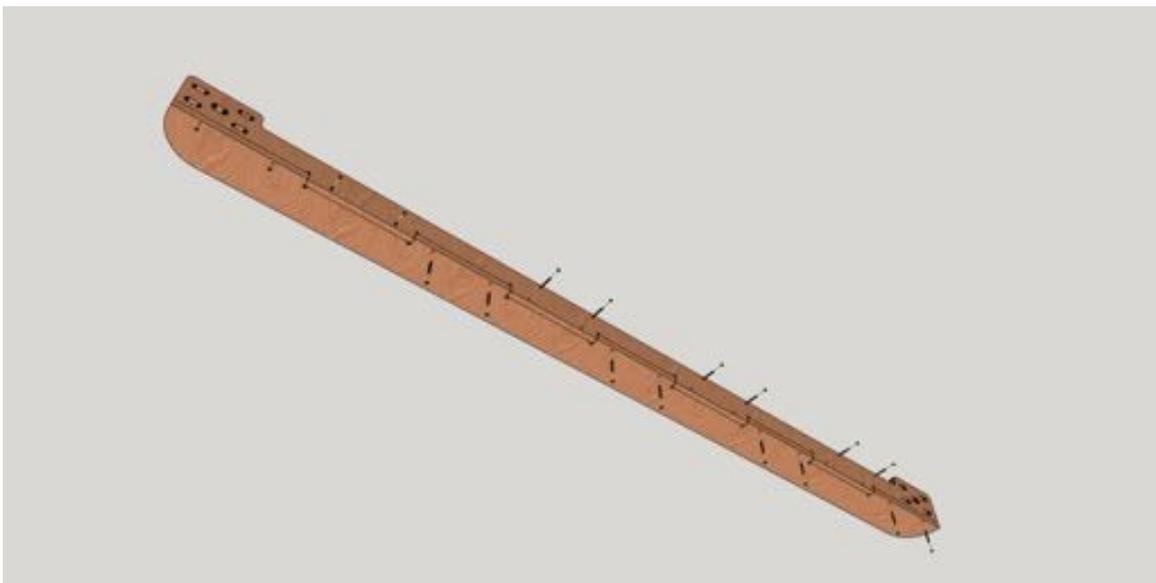
With Part E on edge (90 degrees) to Part F laying flat...



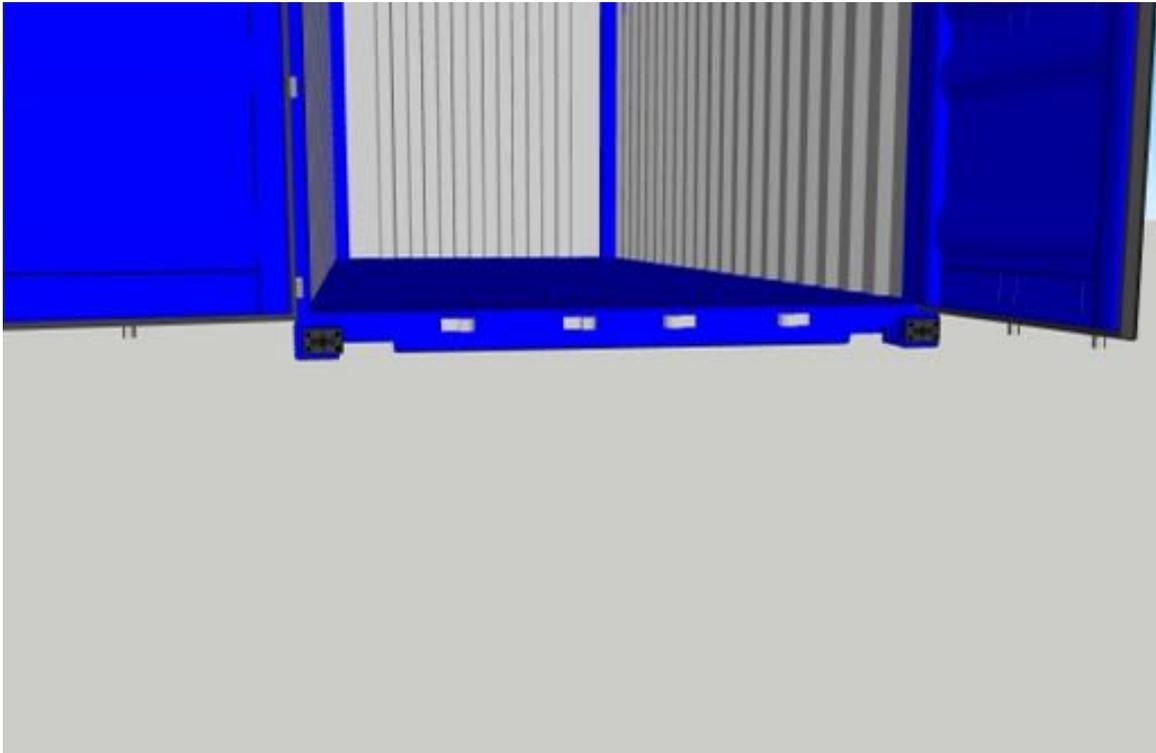
...line up and slide part F so the tabs interlock.



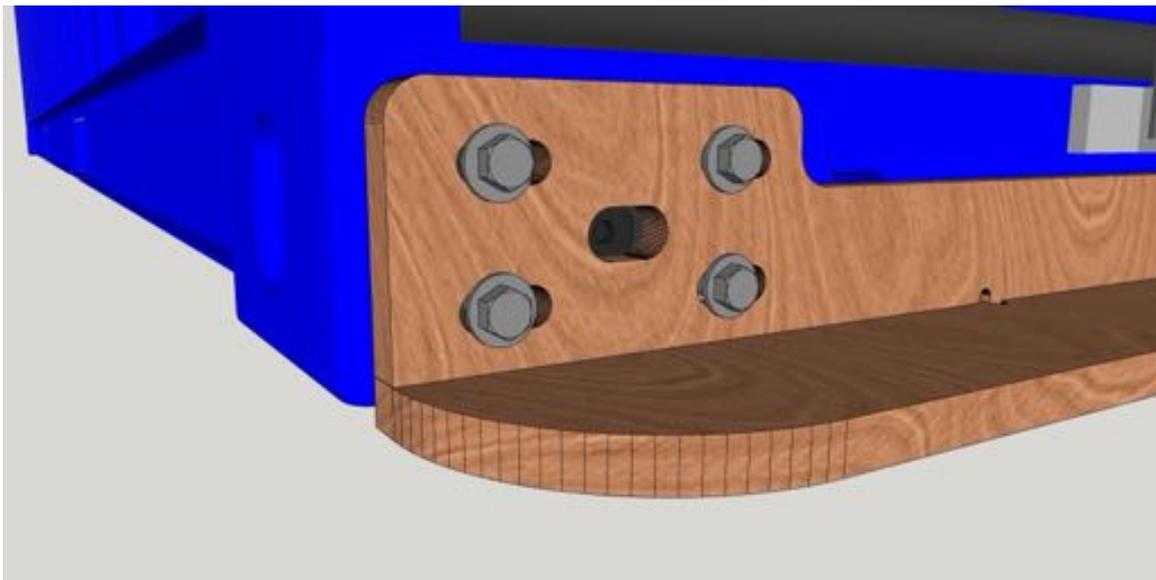
Using 4x40mm wood screws join parts E and F through the holes behind and underneath.



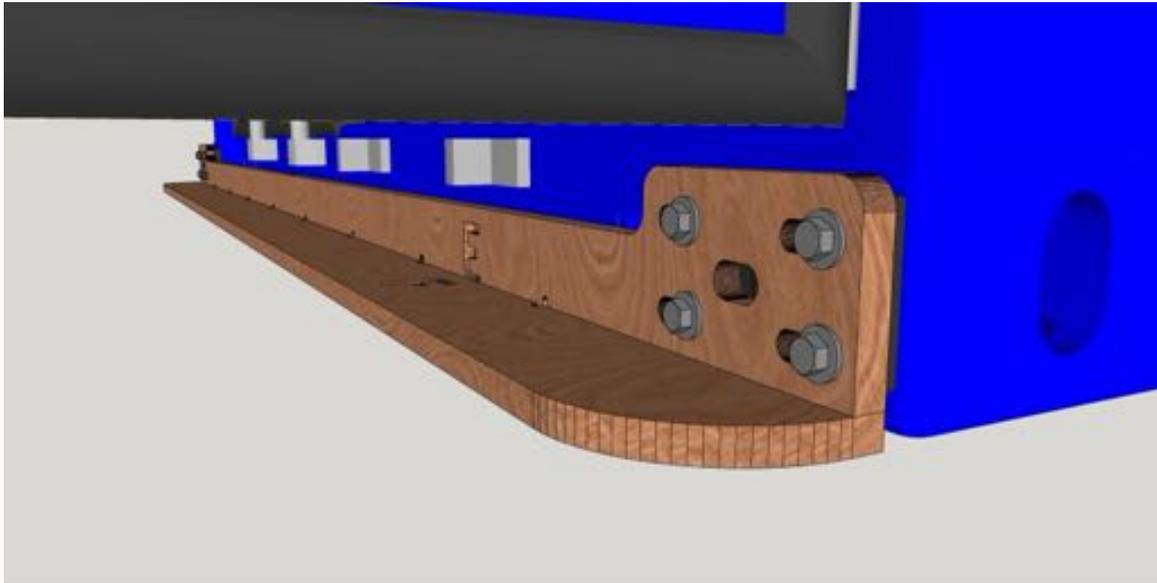
Attach a Domino Clamp to each of the lower holes on the front of the shipping container.



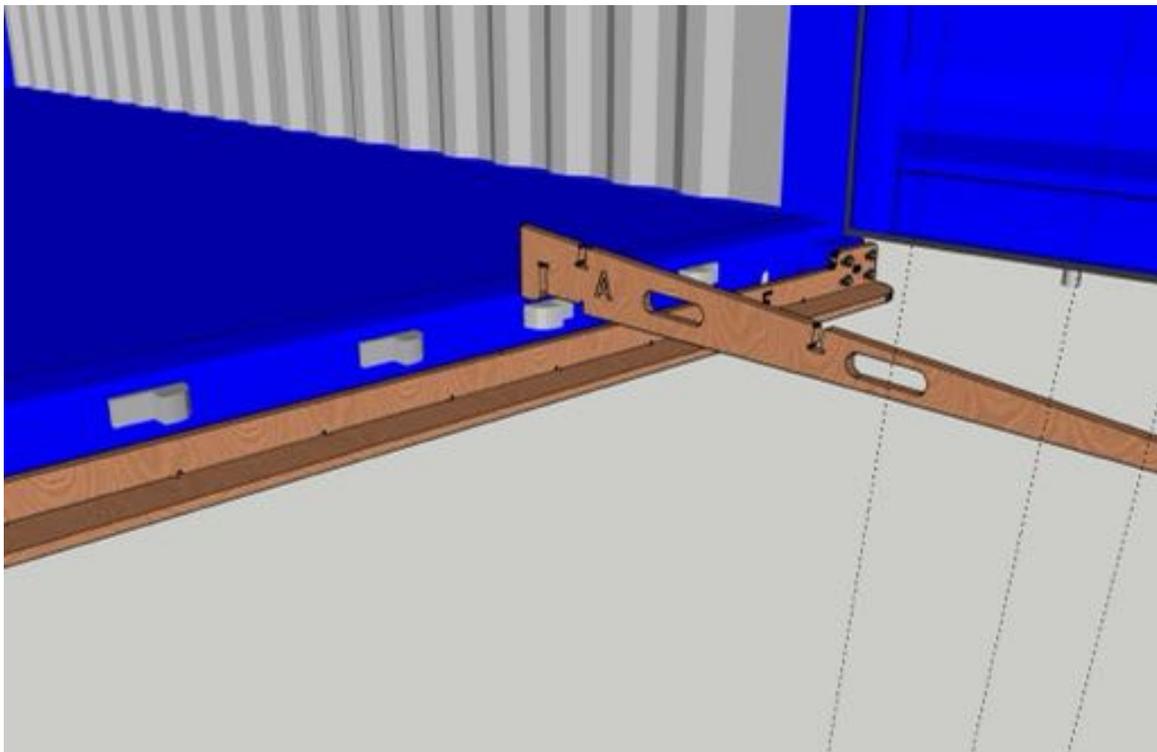
Position the joined parts E and F over the left Domino Clamp and attach using the 40mm M12 screws and washers. Loosely tighten so the position of E/F remains adjustable and easy to line up the other Domino Clamp.



Attach the right hand side of E/F to the other Domino Clamp. When all the screws are in position, tighten each one firmly.

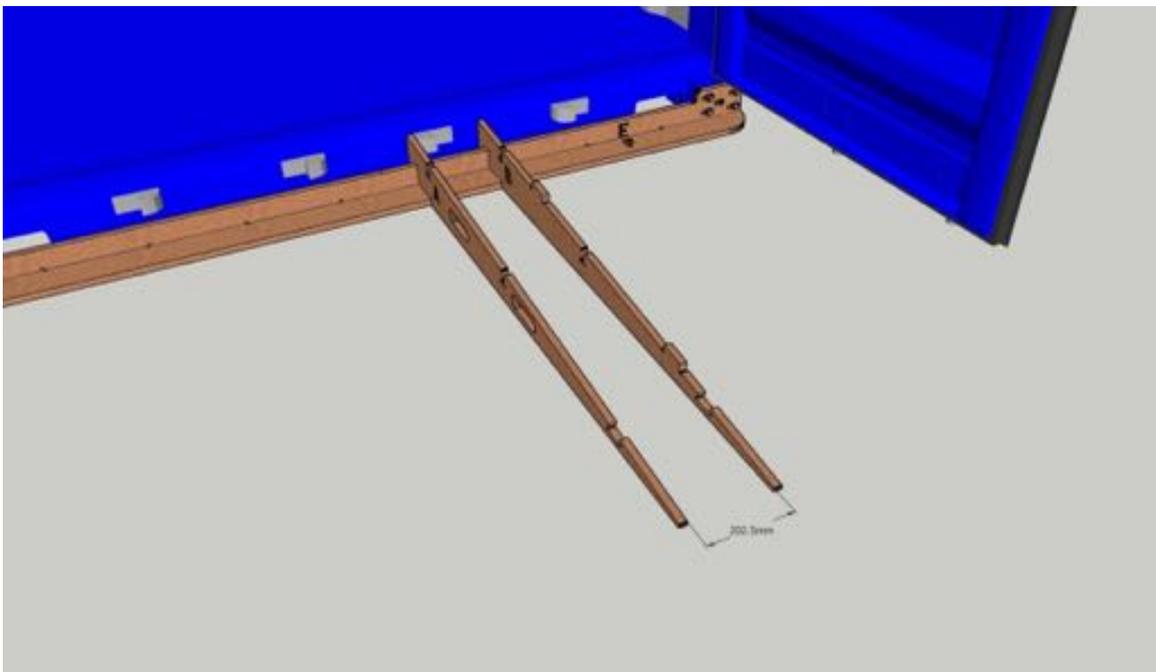


Position one of the Part A sections over E/F just to the right of the centre of the container.

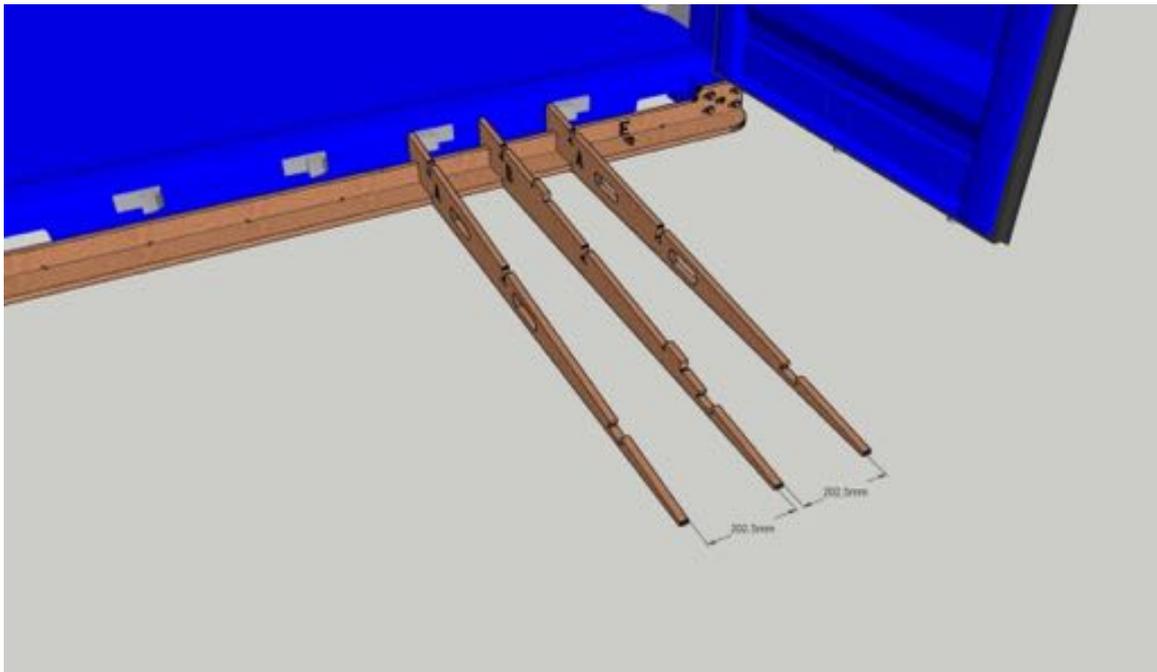




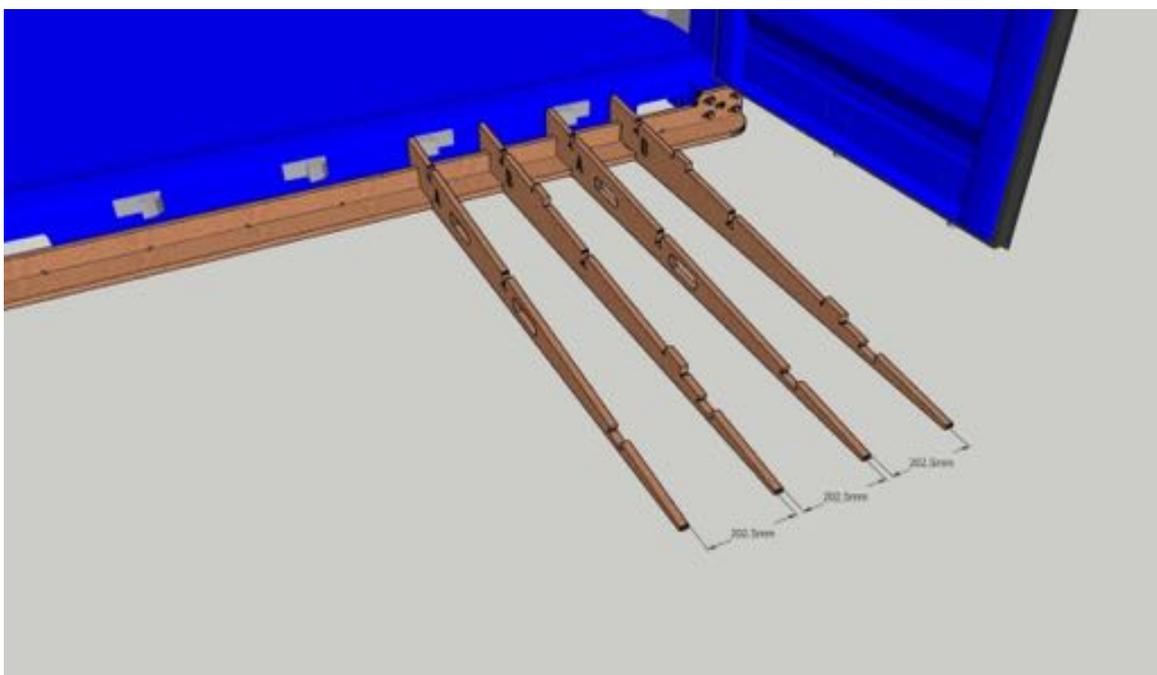
Repeat with part B leaving a gap of approx 200mm towards the door



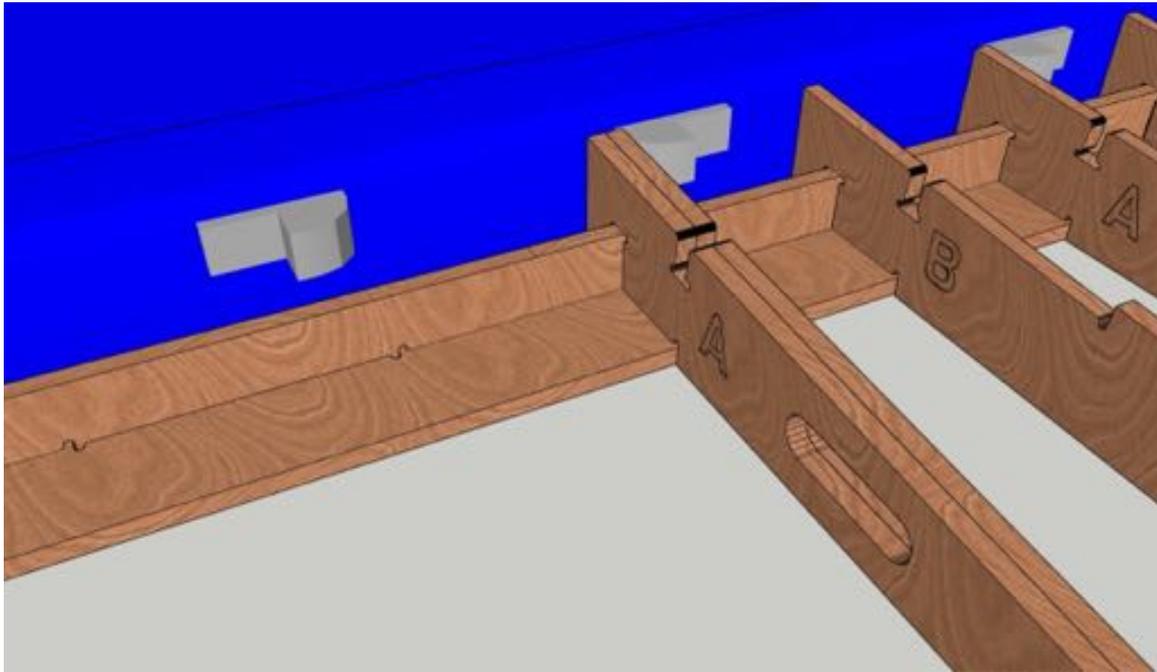
Alternate the remaining part A and Part Bs equally spacing them...



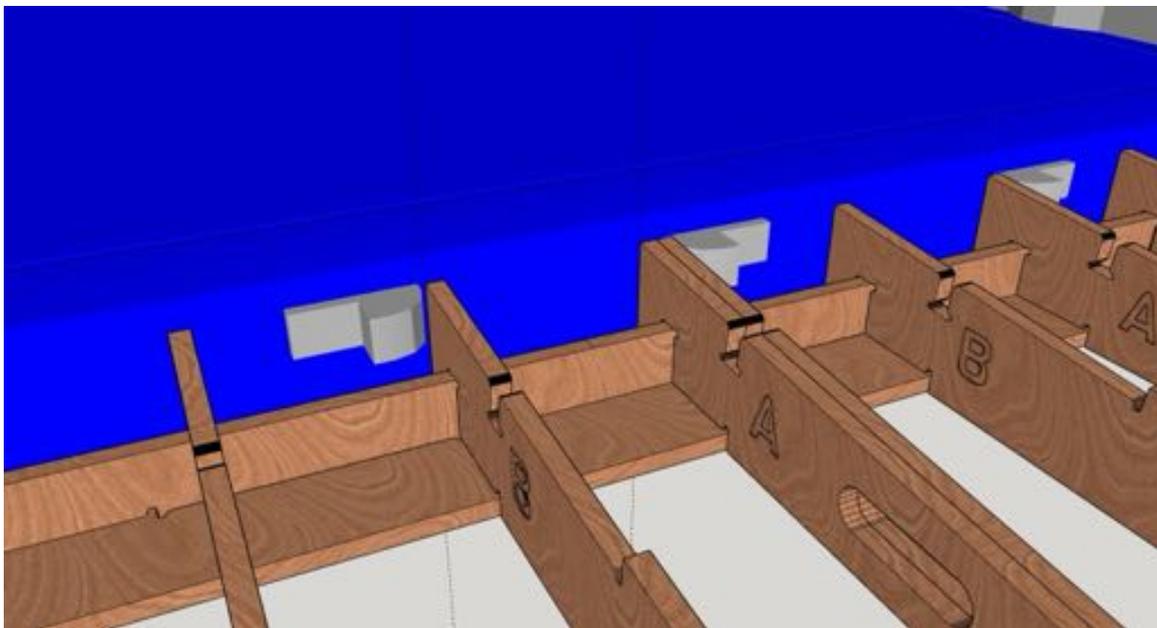
...across the width of the 900mm wide ramp. (This can be approximate for now)



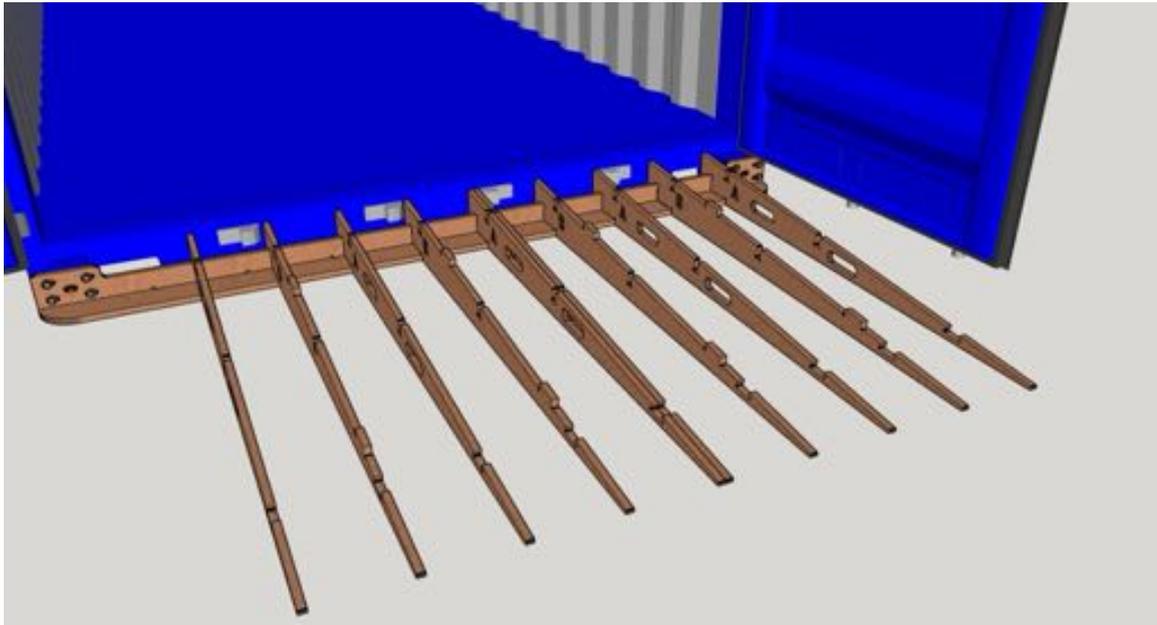
Position another part A on the left of the Part A near the centre of the container.



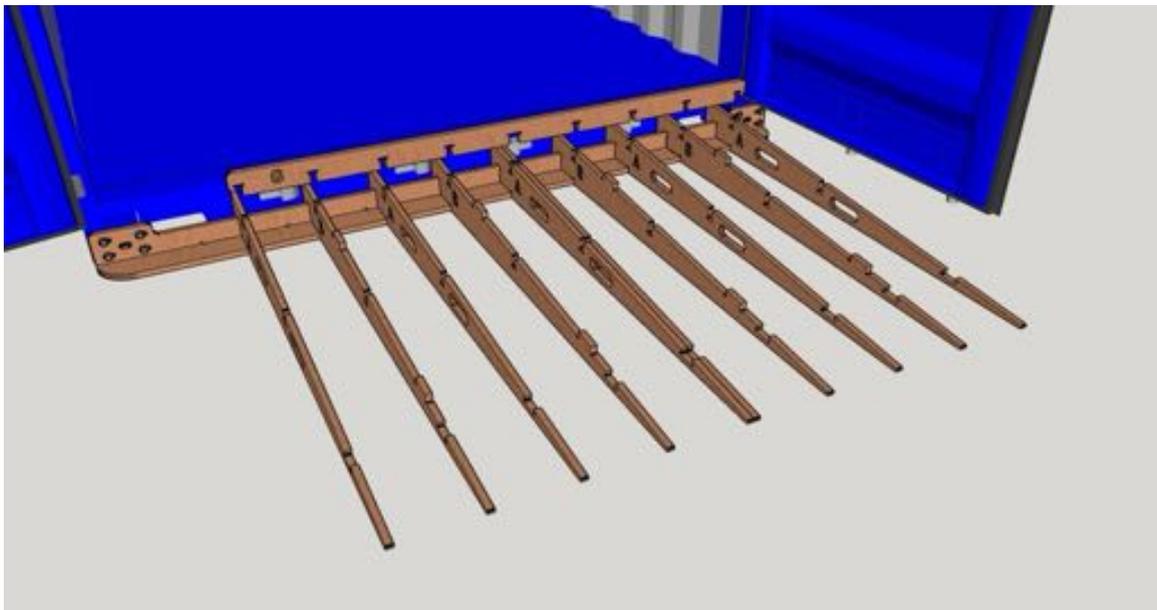
Followed by a part B approx 200mm apart - these should sit in between the two centre door keeps.



Add alternating B/A parts mirroring the first set of A/Bs, and their spacing.

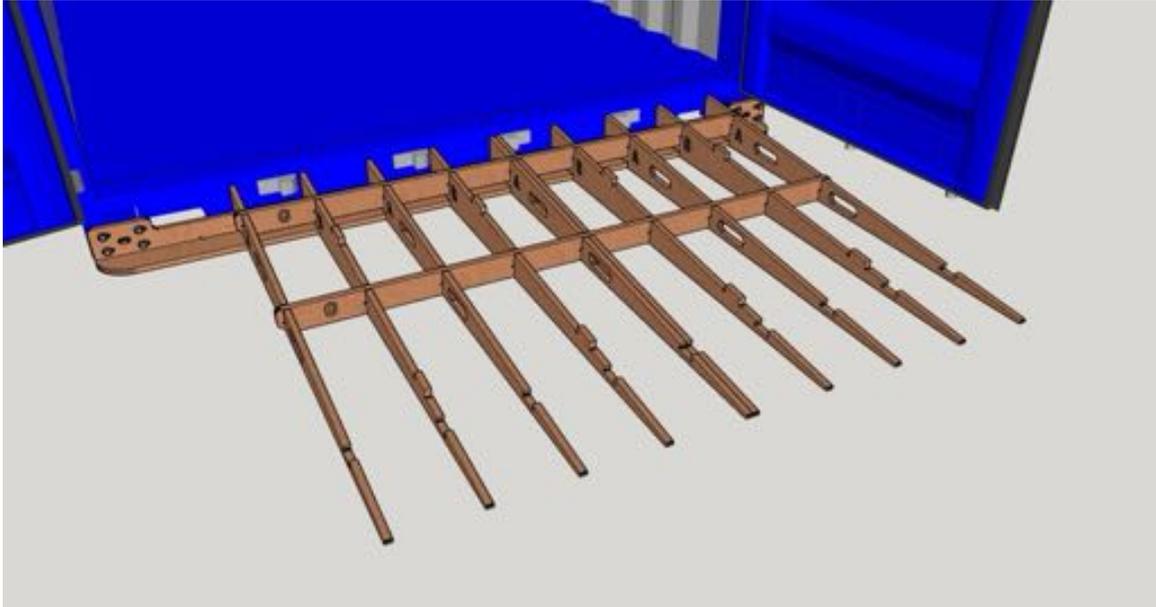


Position part G on edge (slots pointing down) over the corresponding slots of parts A and B.

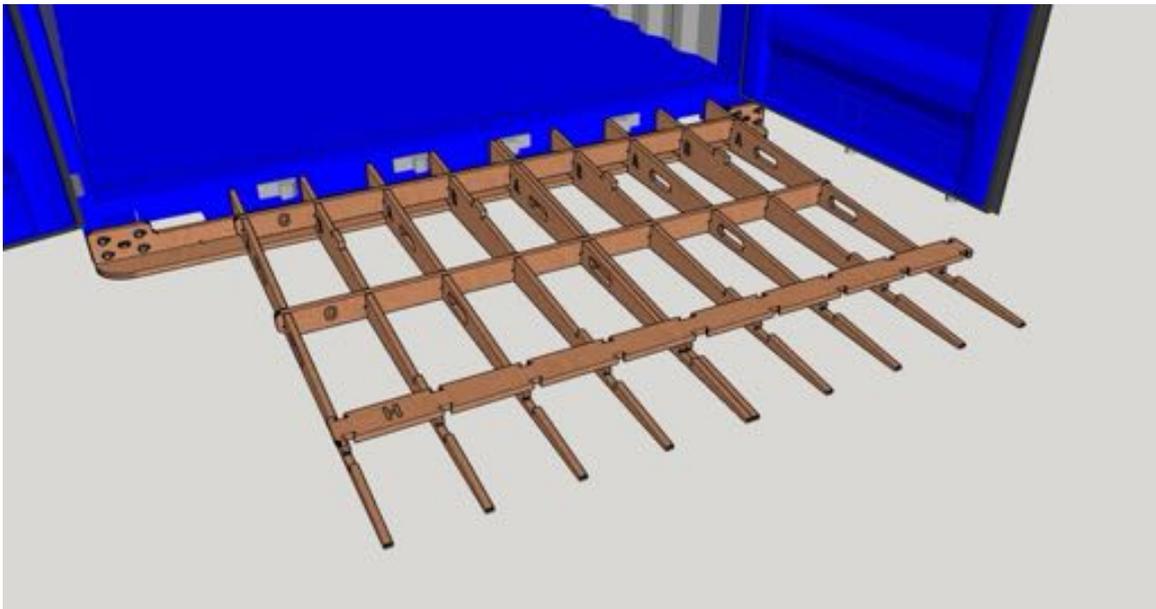


Adjust A and B positions where necessary so that G drops down, locking them all together.

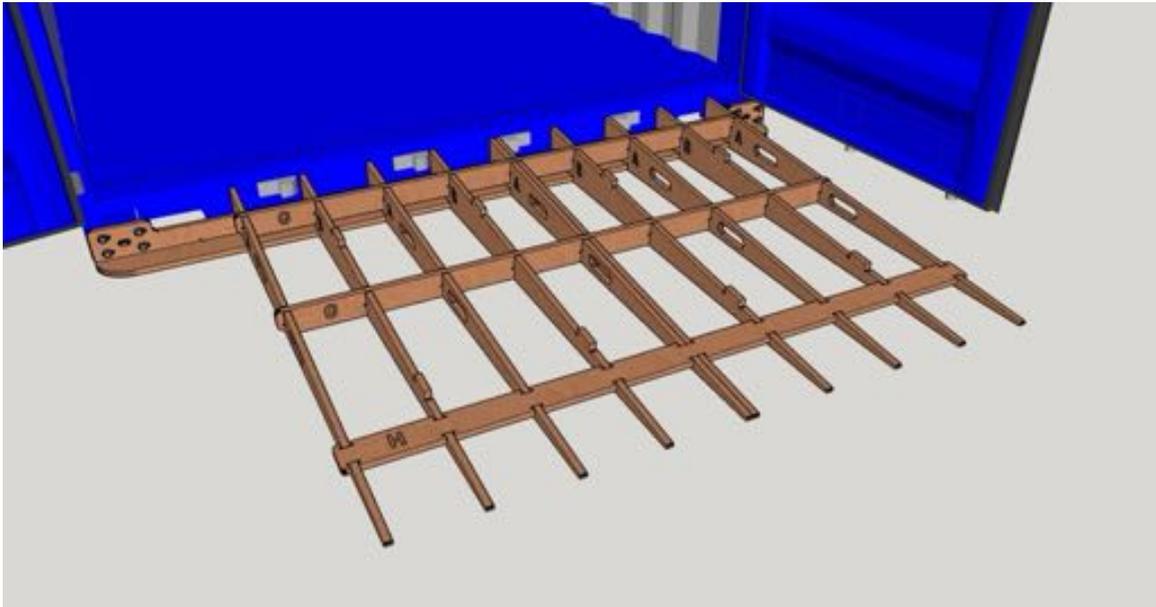
Slot the remaining part G into the corresponding slots half way down the A/B framework.



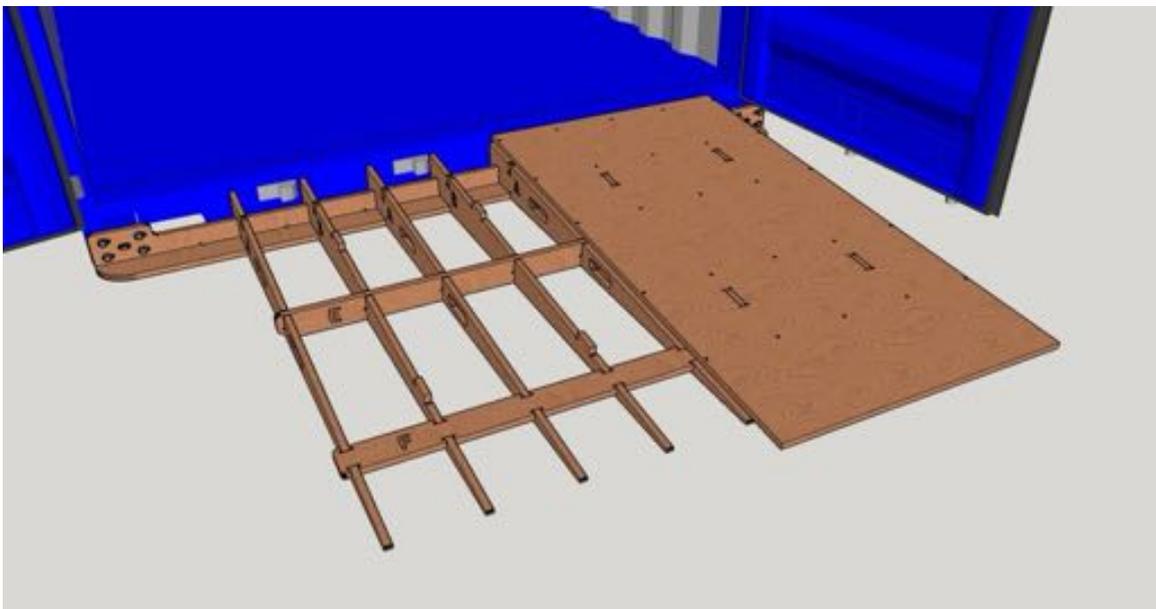
With part H flat, line it up over the remaining slots in the A/B frame.



Push it into position completing the support frame for the 1800mm wide double ramp.



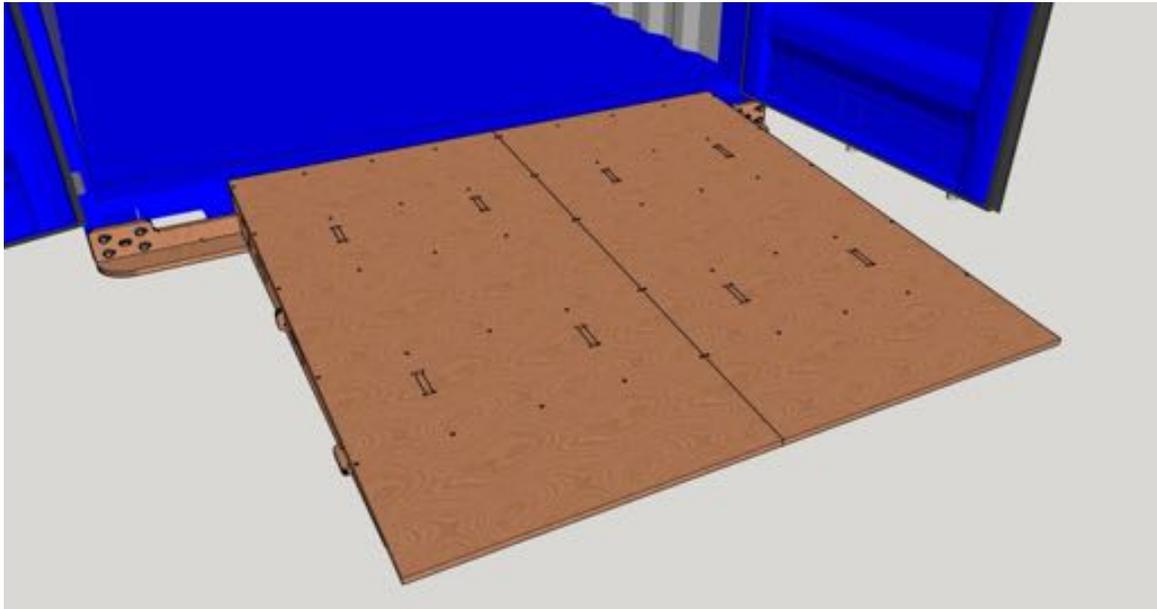
Line up the ramp surface so the line of screw holes close to the edge are at the top of the ramp.



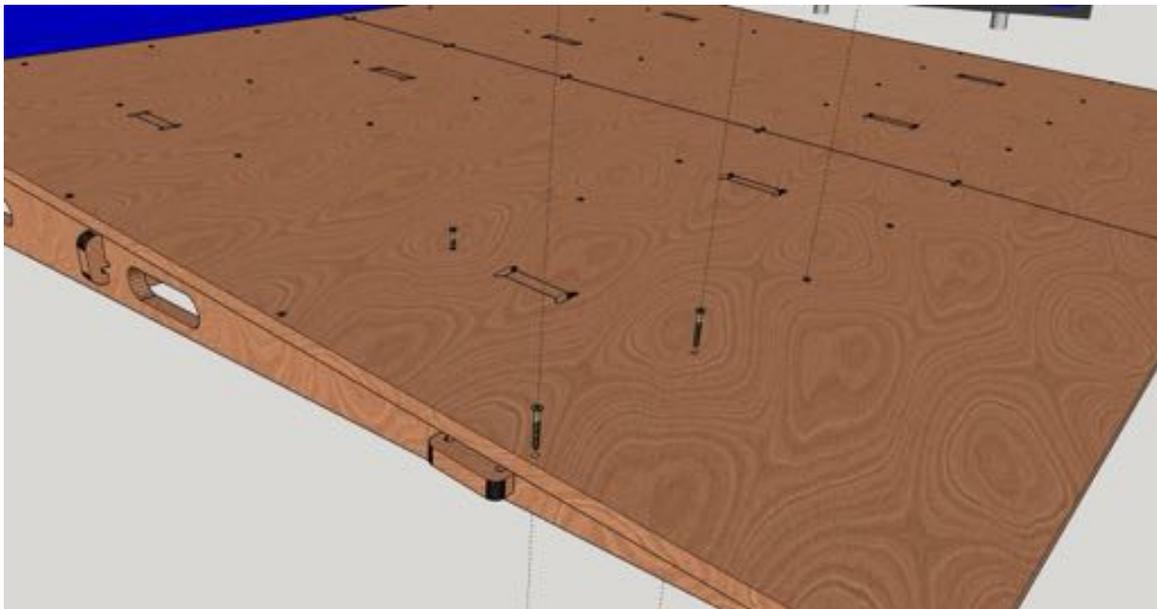
Line up the 4 protruding tabs on parts B of the right hand framework with the holes in one of the ramp decks until it sits flush to the ramp framework.

If needed, a small amount of adjustment can be made to the ramp deck's linear position so it can be slid flush to the doorway lip.

Repeat the previous step with the remaining ramp deck and framework



When you are happy with the assembly of the ramp and the deck position, fasten the decks to the framework using 4x40mm wood screws, tightening them flush to the surface through the holes in the deck surface (50 in total) You may also wish to use a small amount of wood glue between the A/B framework and the ramp surface.



We suggest finishing the ramp (especially the E/F bracket) with a couple of coats of polyurethane varnish, watered down PVA, or similar protective finish.

When not in use, the ramp can lift off the E/F ridge and the container door can be closed. You will need 2 people to do this.