

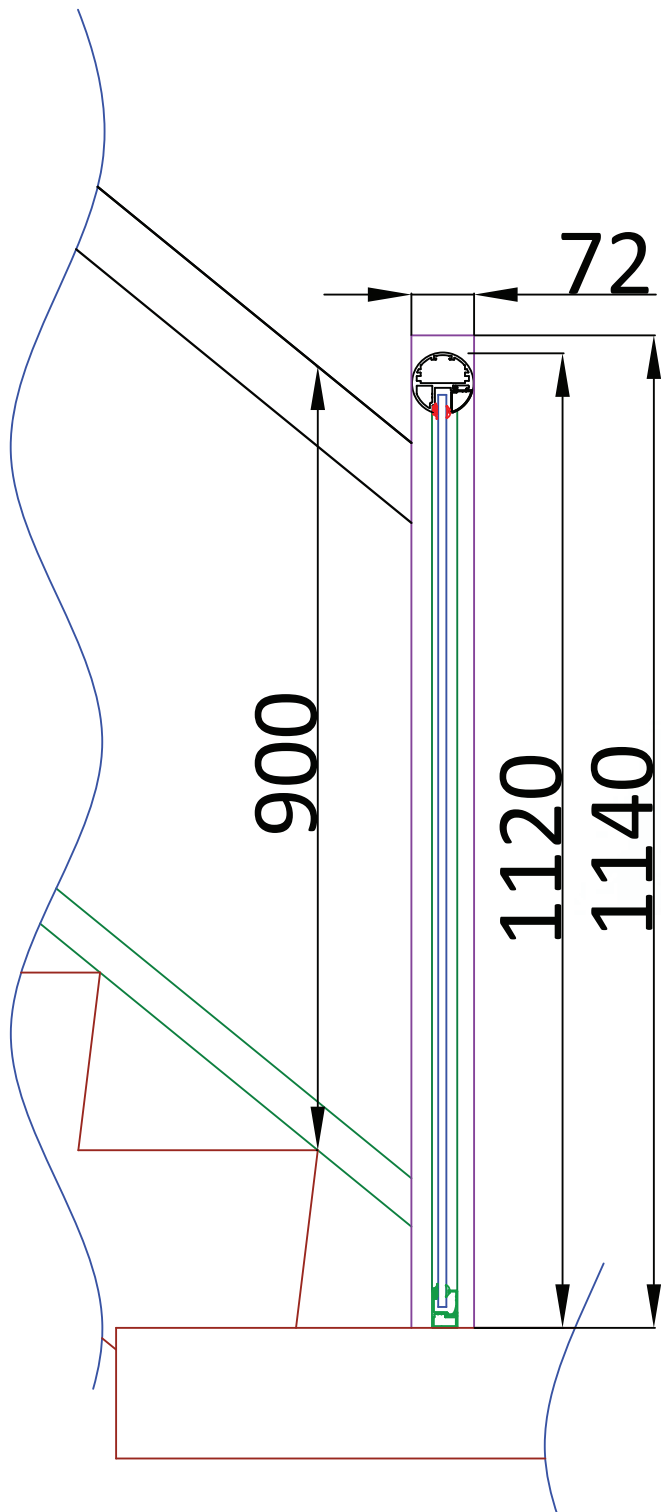


# BALCONY

Balcony Stair Handrail System  
Installation Instructions  
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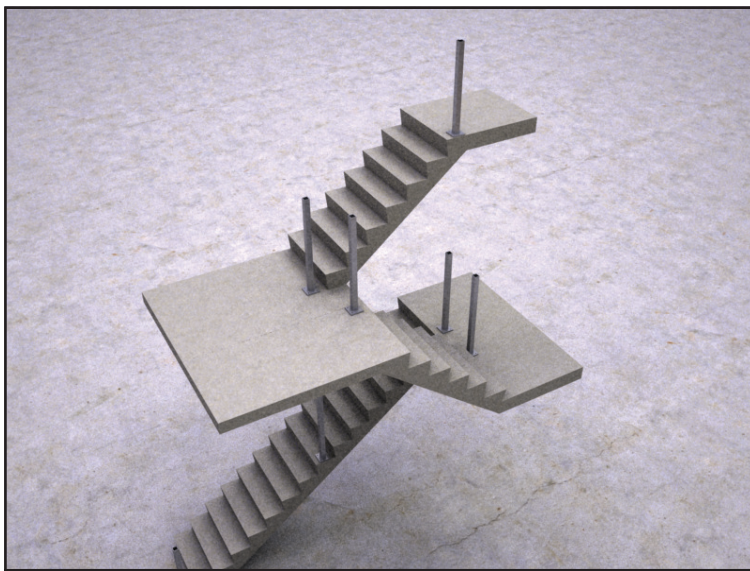
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Unit 6, Systems House, Eastbourne Road,  
Blindley Heath, Lingfield,  
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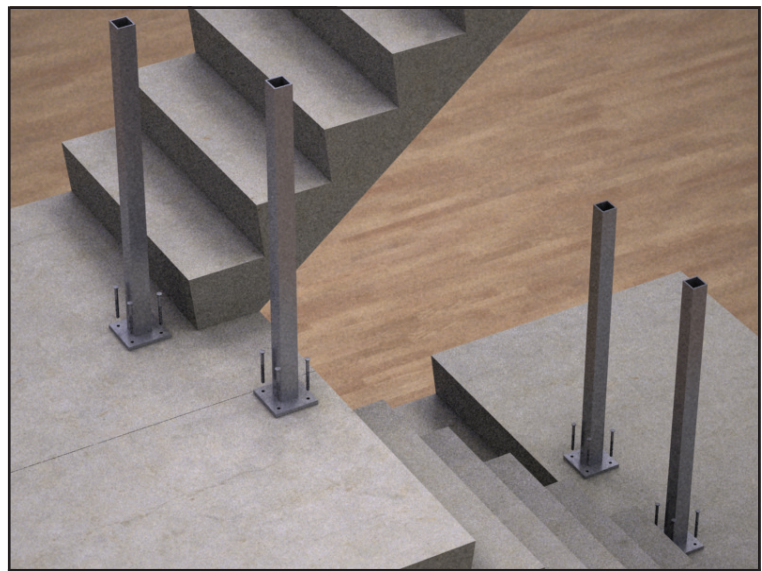


- 1) Check you have all the parts of the order.
- 2) Check the height of the glass
- 3) Check the height of the posts
- 4) Check both these heights against the required height on site making sure they are correct before assembling





5 Position the primary steel posts in the correct position



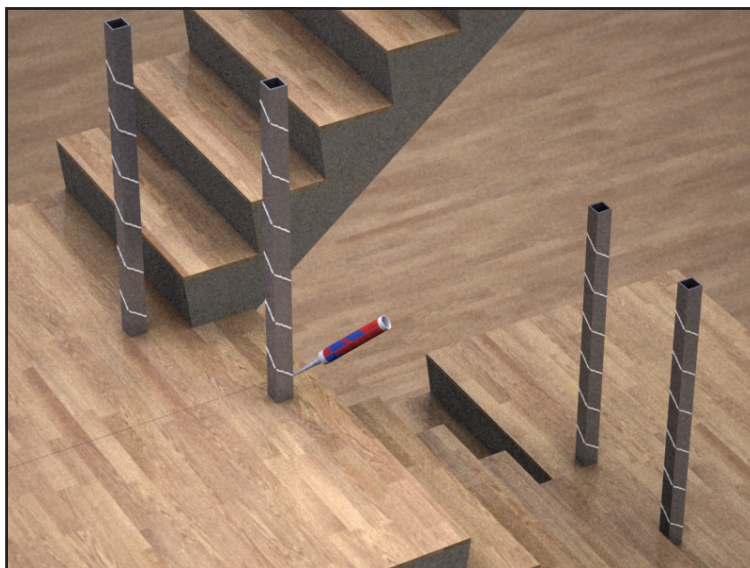
6 Use the appropriate fixings



7 Fix the post firmly to the structure making sure they are perfectly vertical



8 Finish the flooring, decking, screed, floor finish etc. to the required height. This should conceal the base plate and bolts



9 Apply a thick bead of silicone sealant around the primary steel posts in a spiral fashion

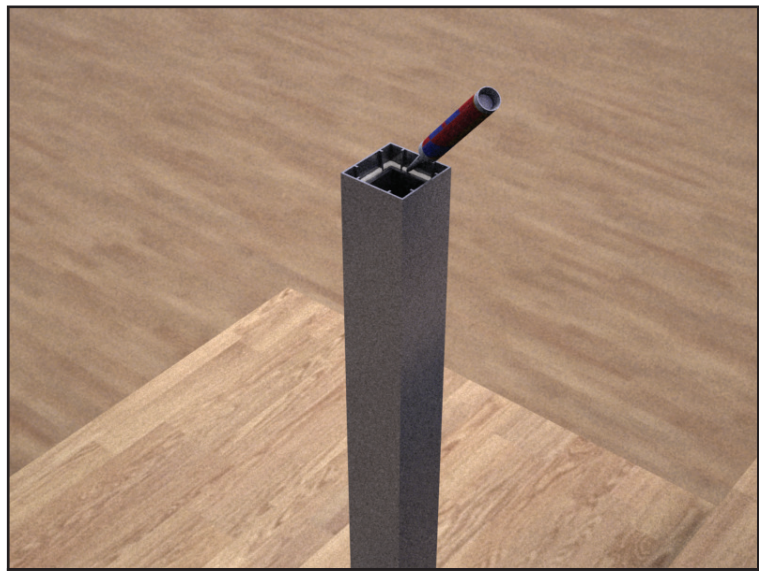


10 Slide the system covers post onto the primary posts

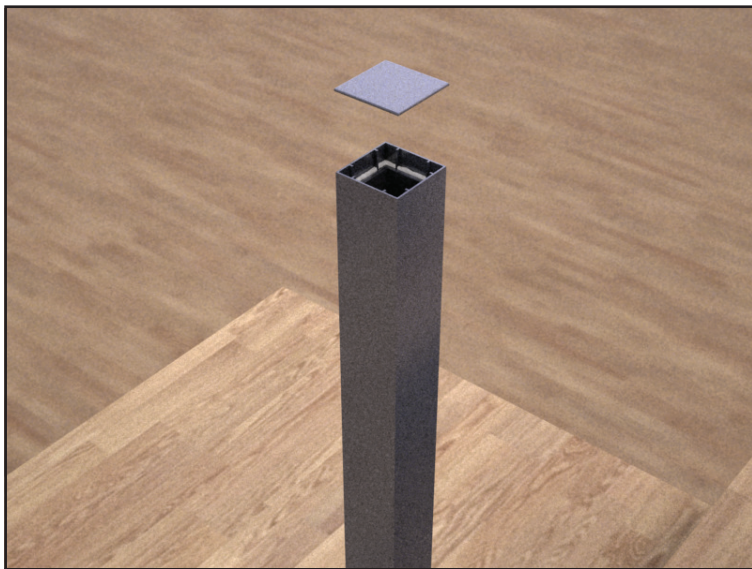




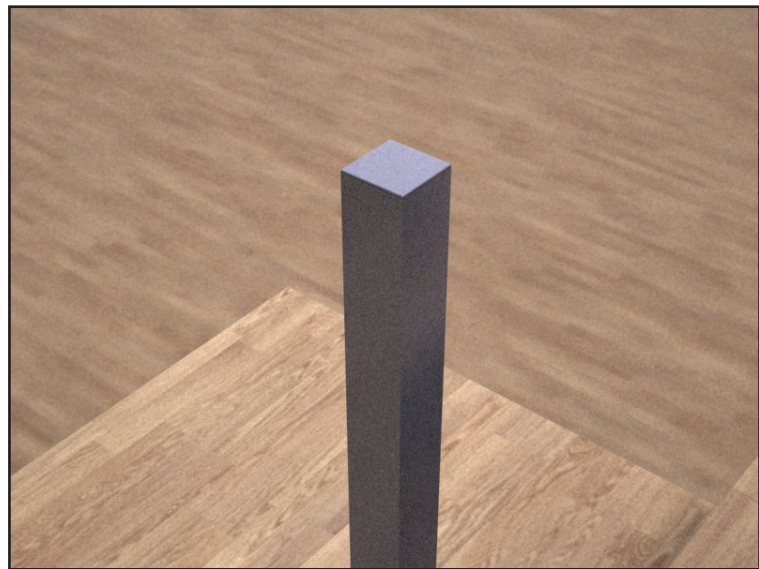
11 Ensure the cover posts are in position



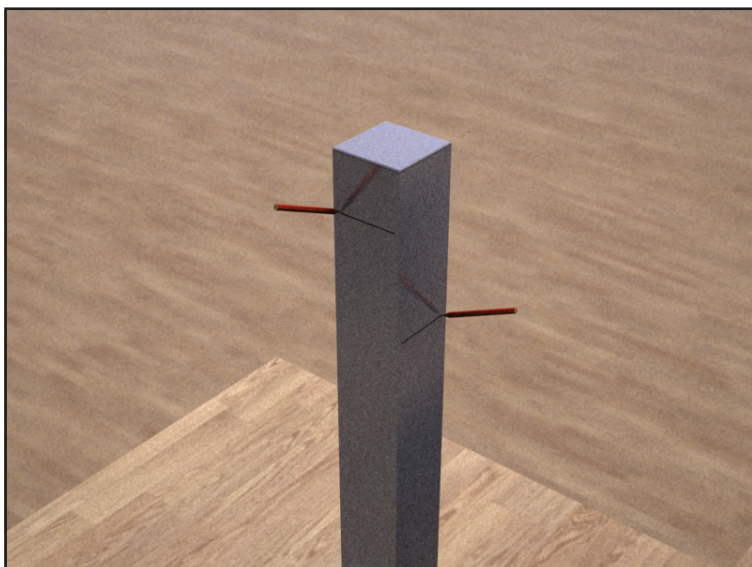
12 Inject an additional amount of silicone into the gaps between the steel post and cover post on the inside



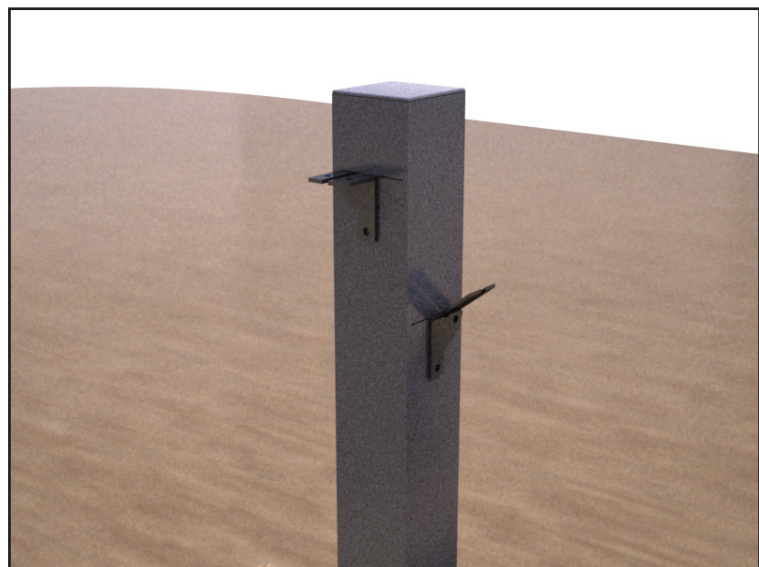
13 Prepare to place the cap



14 Cap the post using the end cap

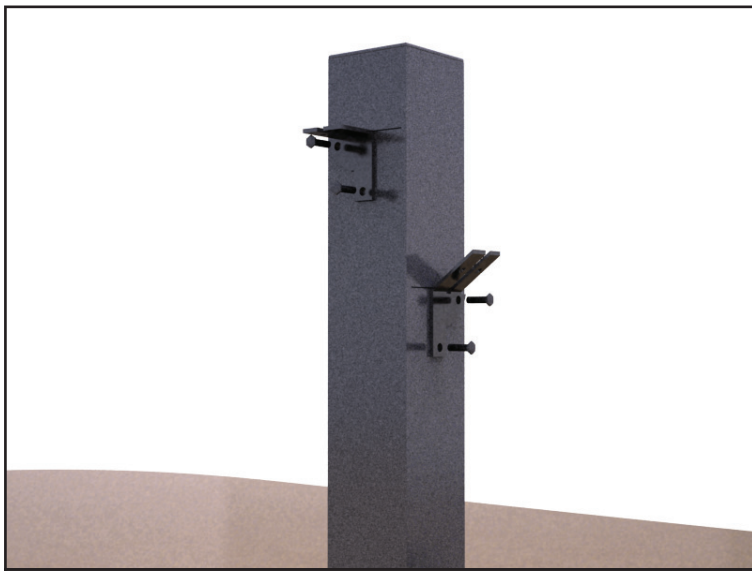


15 Using a level mark the position required to fix the handrail fixing bracket



16 Bring the fixing bracket into position to mark the holes

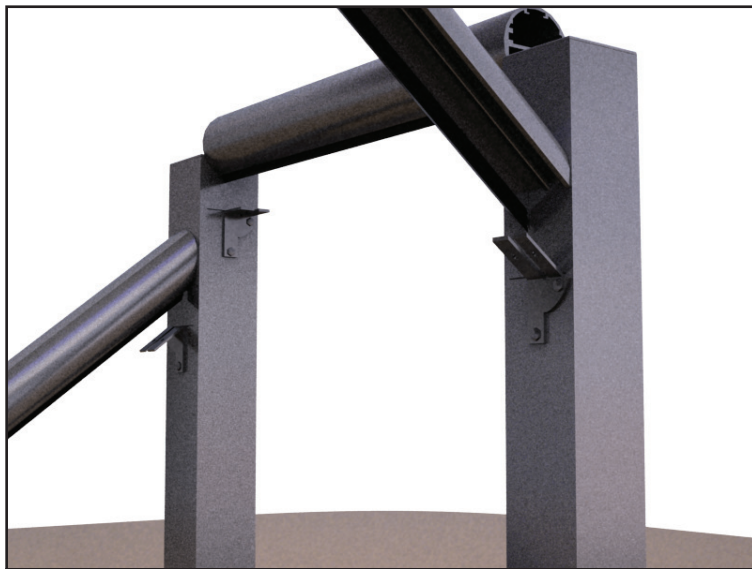




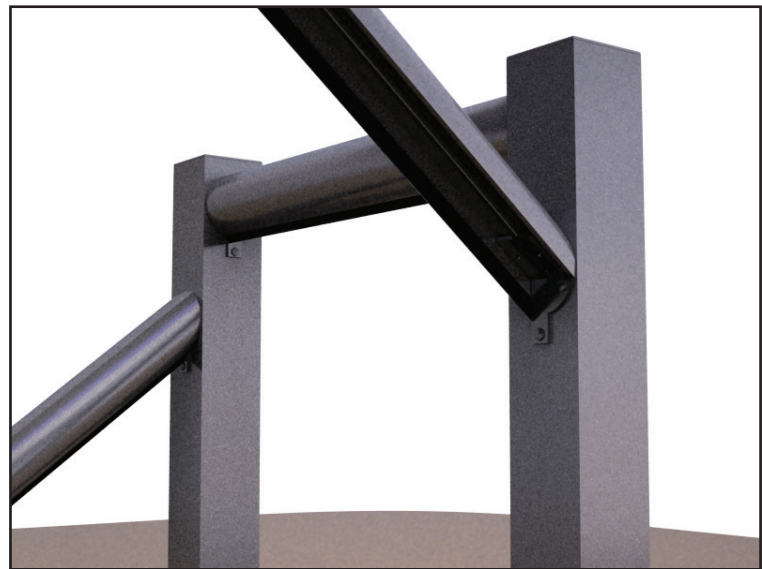
17 Use the appropriate fixings



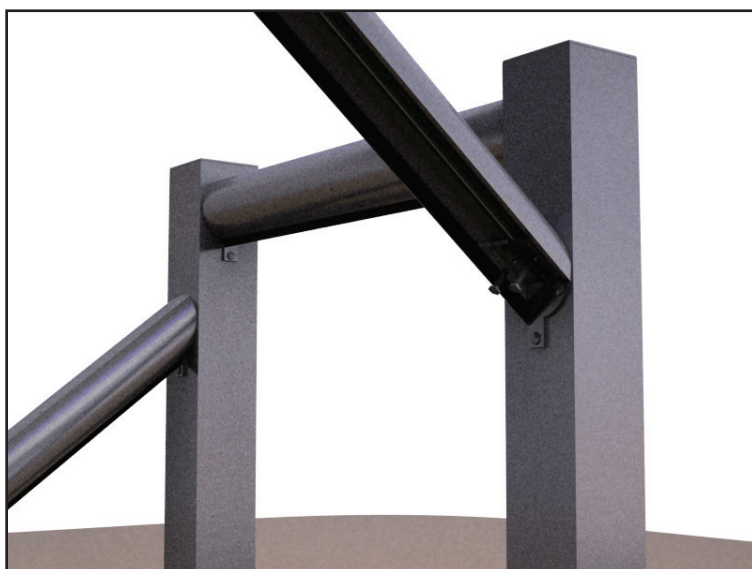
18 Fix the handrail fixing bracket in position



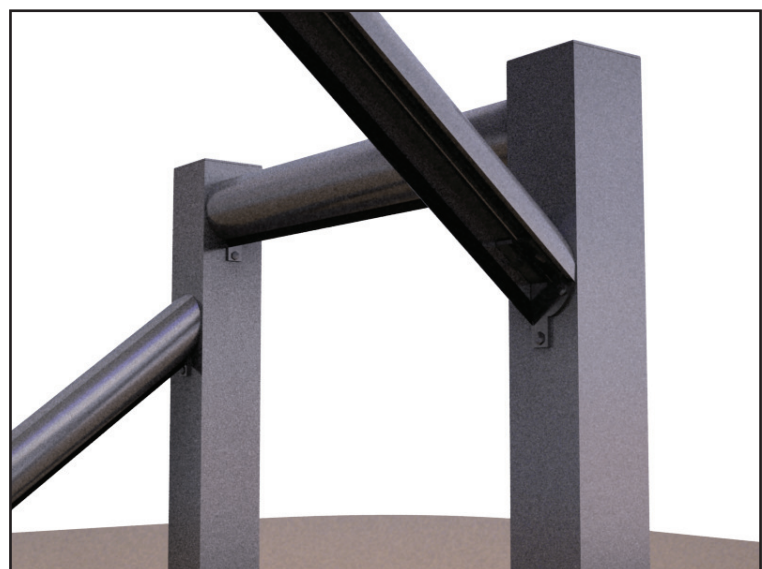
19 Bring the handrail into position



20 Drop the handrail onto the brackets



21 Drill 4mm holes through brackets into the handrail



22 Secure the handrail to the bracket

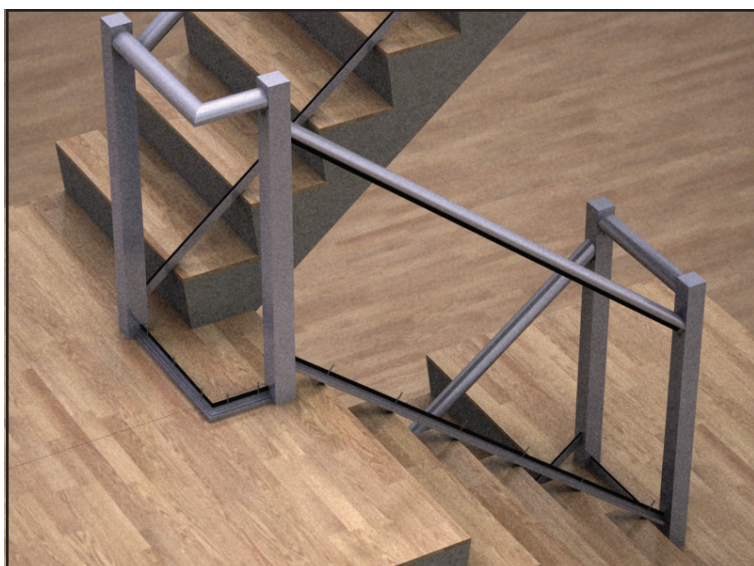




23 Repeat all these steps for all posts



24 Place the bottom track into position



25 Drill into the floor/structure through the bottom rail to fix it



26 Place two 5mm (orange) spacers per required glass panel onto the bottom rail



27 Use silicone to stick them to the bottom rail

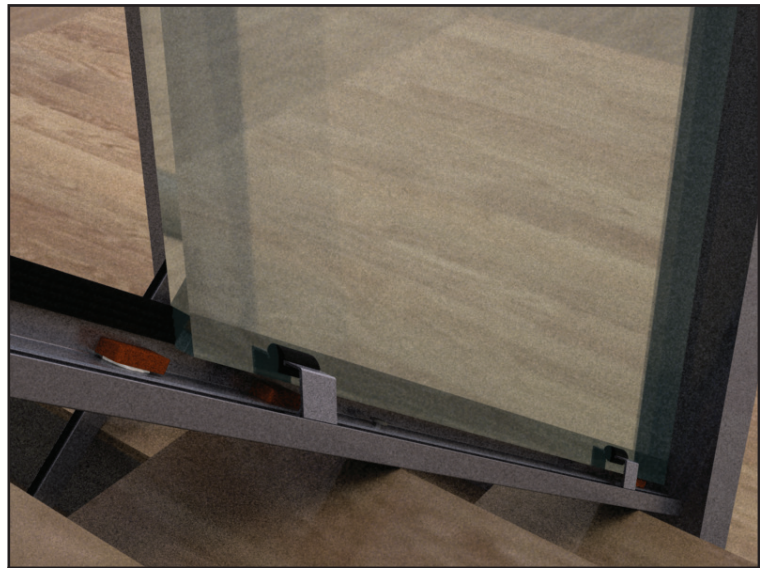


28 Place one glass panel at a time into position

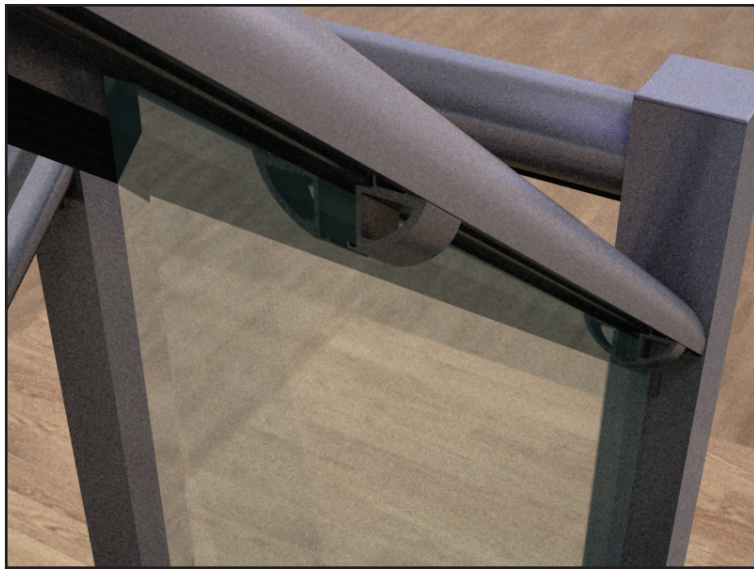




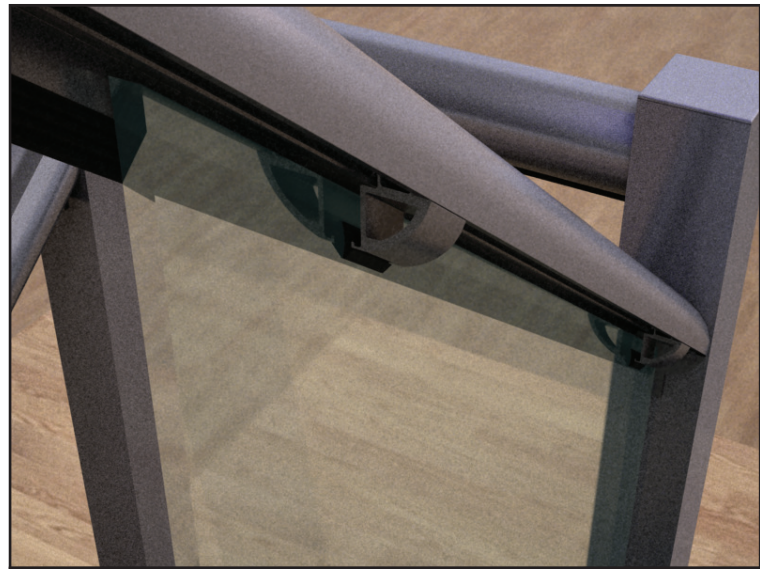
29 Use the short pieces of glazing bead to temporarily hold the glass in position



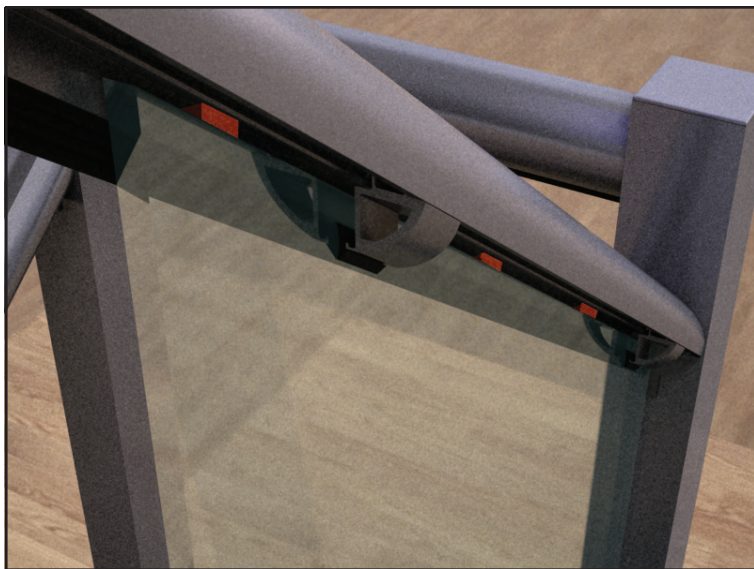
30 Use 3mm rubber gaskets to hold the glass against the small bead pieces on the bottom rail



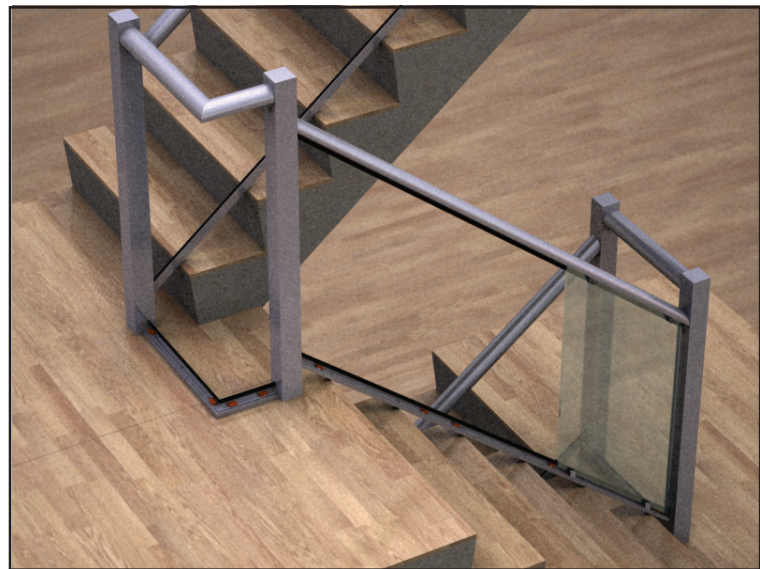
31 Use the short pieces of glazing bead to temporarily hold the glass in position



32 Use 3mm rubber gaskets to hold the glass against the small bead pieces on the handrail

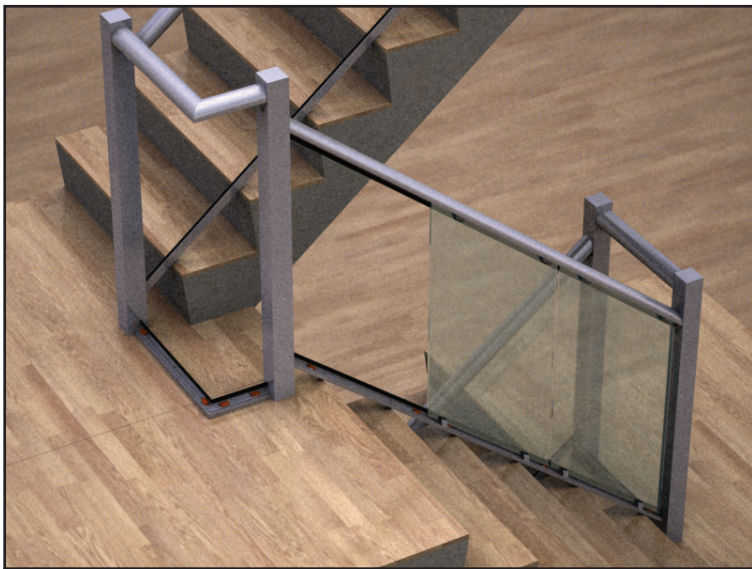


33 Place the spacers on top of the glass so that the handrail doesn't sit on the glass



34 Repeat this process for each of the following glass panels

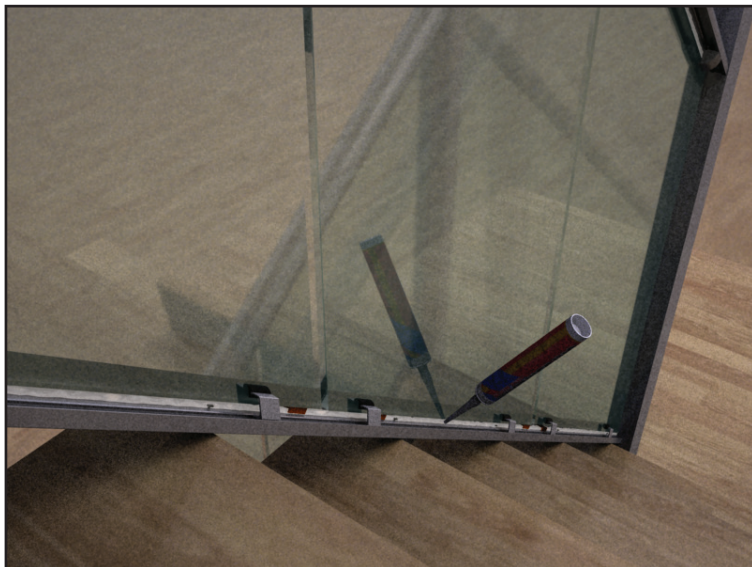




35 One at a time position each glass in its correct position



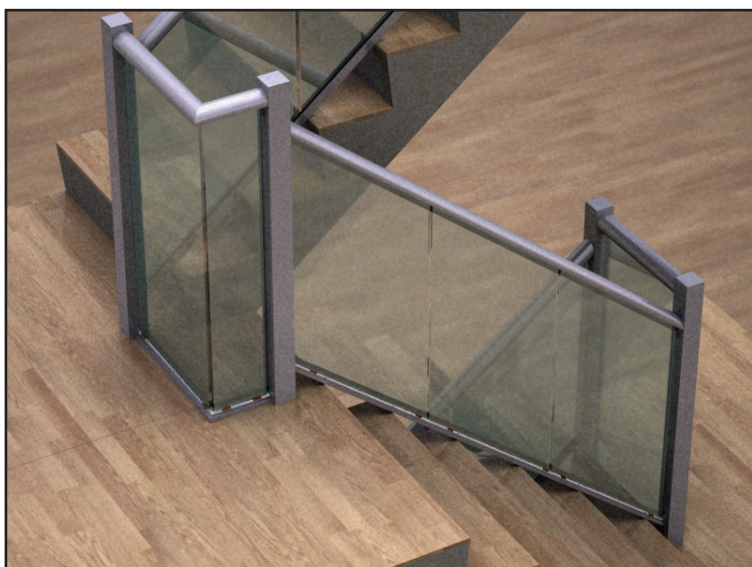
36 Make sure that all the glass panels are properly aligned



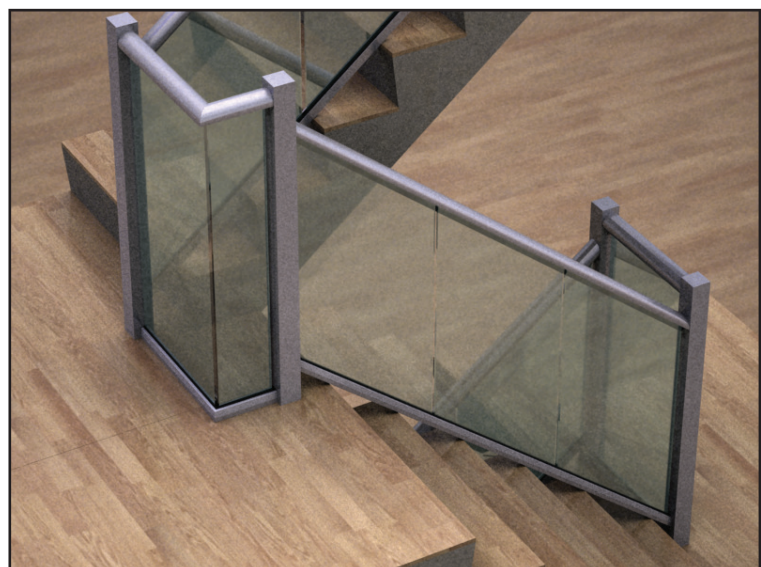
37 Apply a thick bead of high quality silicone sealant to continuously fill the gap between bottom of glass and bottom rail



38 Apply a thick bead of high quality silicone sealant to continuously fill the gap between bottom of glass and bottom rail

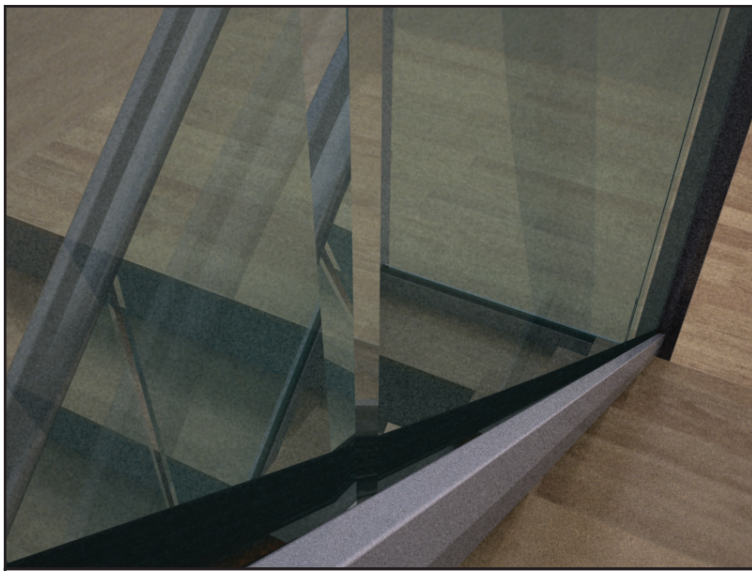


39 Wait until the silicone is completely dry and then remove the temporary glazing beads and rubber gaskets

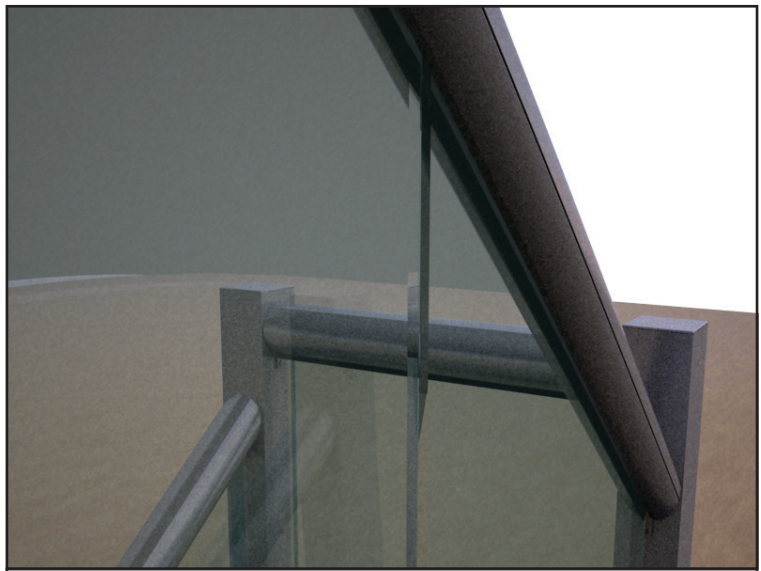


40 Replace the full length glazing bead on the bottom rail and hand rail

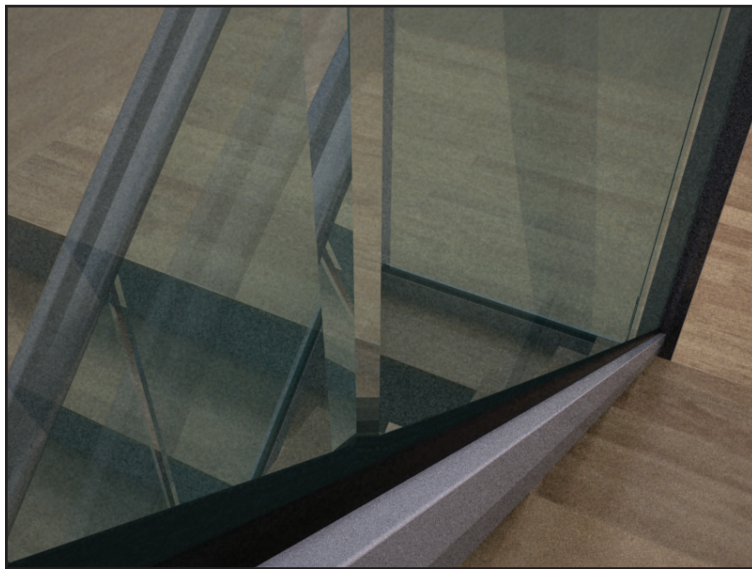




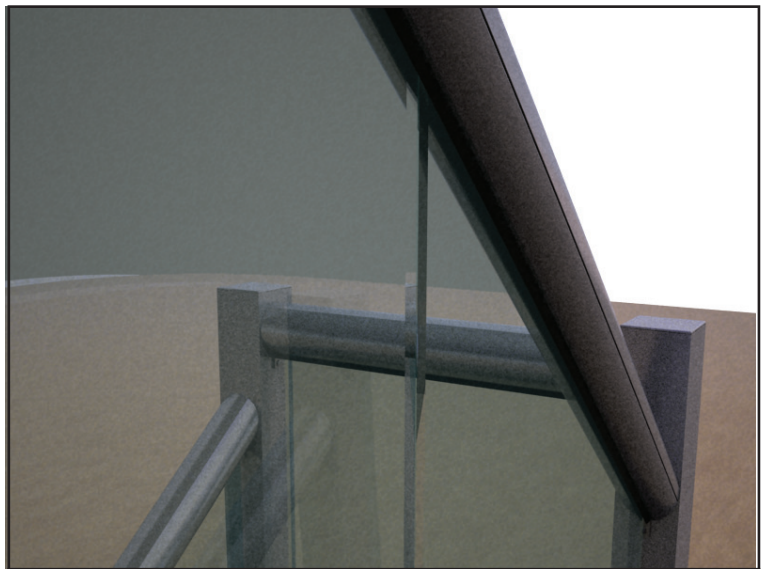
41 Bottom rail full length glazing bead into position



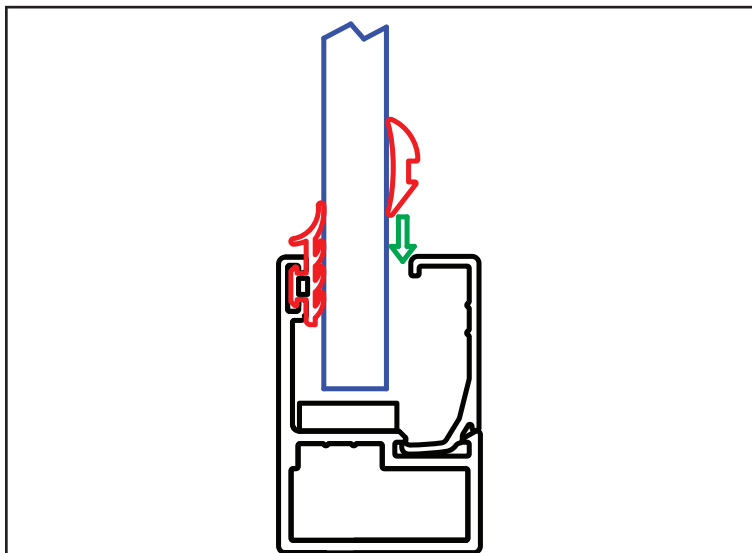
42 Hand rail full length glazing bead into position



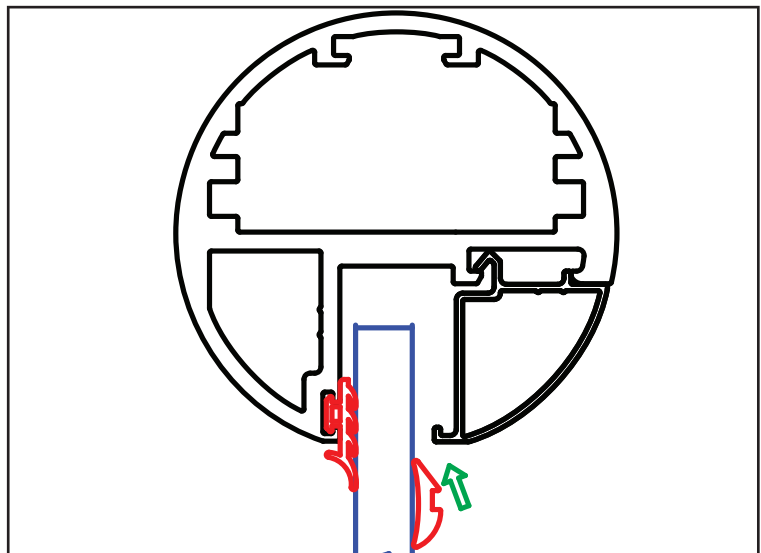
43 Strengthen the grip with rubber gaskets



44 Strengthen the grip with rubber gaskets

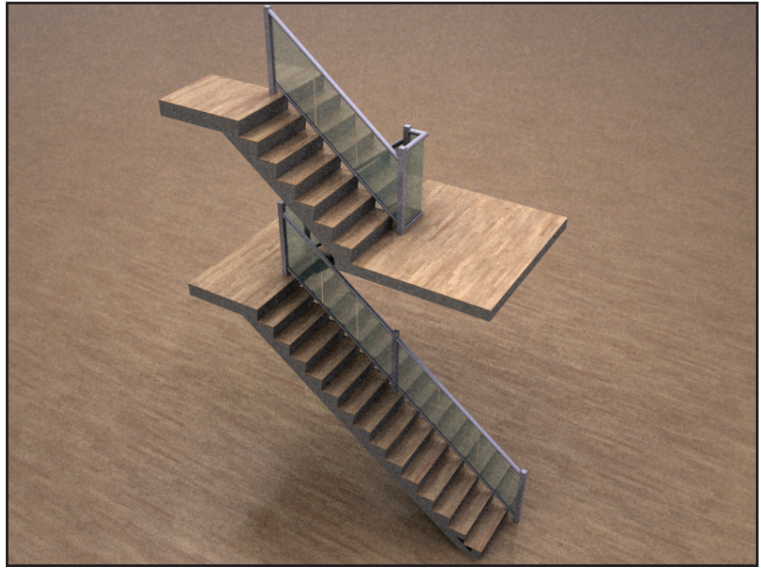
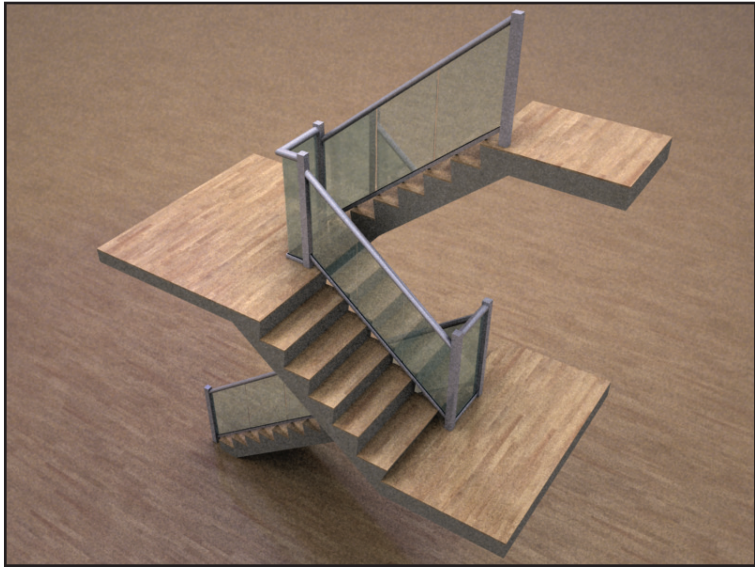
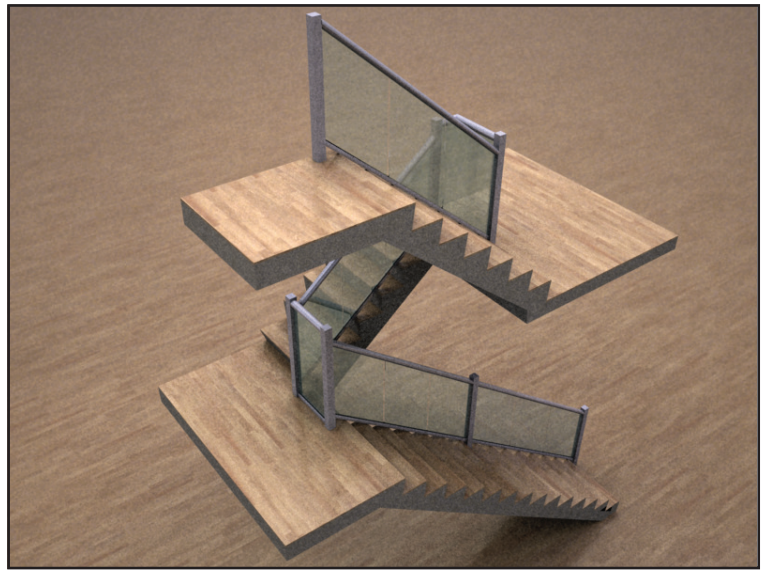
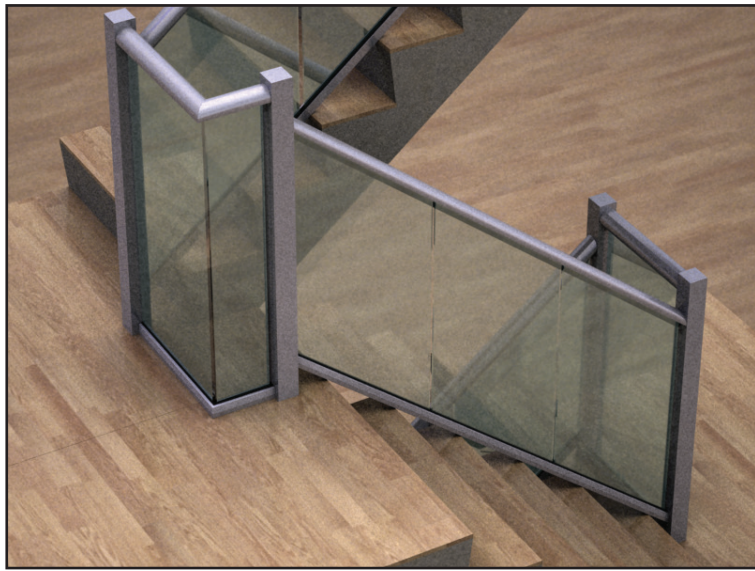


45 Using soapy water can make it easier to push rubber in



46 Using soapy water can make it easier to push rubber in





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