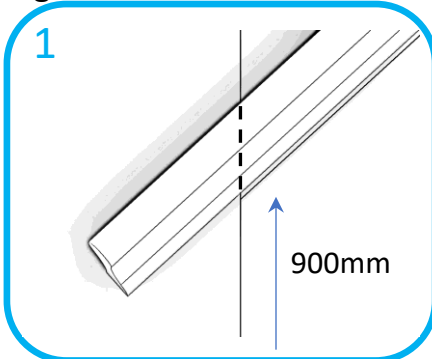
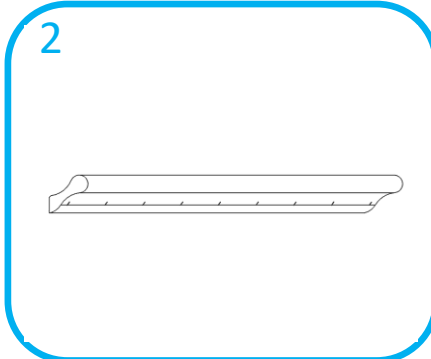


FITTING INSTRUCTIONS – Wall Mounted Rails

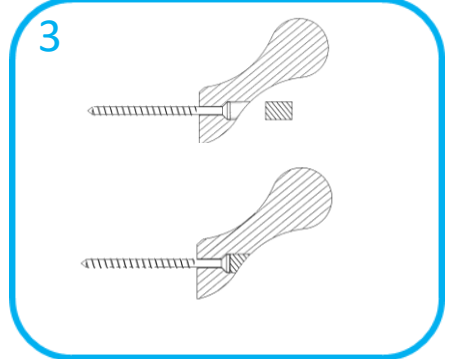
Pigs Ear Handrail



Draw a vertical line up wall at start of the stairs in line with riser. Repeat at top of stairs. Measure up 900mm (minimum) from bottom stair nosing and mark position on wall. Repeat at top of stairs. Draw straight line through top and bottom marks. When cutting rail to length you can either leave the ends square or cut them off vertically.

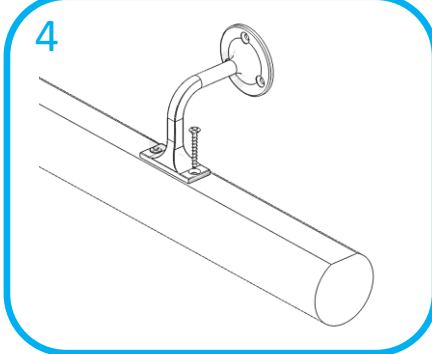


If fixing to stud wall, align rail bottom to 900mm line and mark stud locations on rail. Alternatively, drill screw holes every 400mm along the rail. Offer bottom of rail to line and mark hole positions on wall. Use appropriate wall plugs (not included due to different wall constructions and materials). If rail is going to be painted, sink screw heads below surface of rail then apply filler and sand smooth. Secure with 4mm x 70mm screws

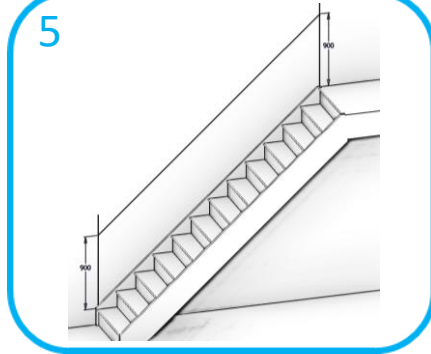


If rail is going to be stained or varnished, use a counterbore bit 9.5mm dia. Offer bottom of rail to 900mm line and mark hole locations on wall. Drill and plug wall using appropriate wall plugs and secure with 4mm x 70mm screws. Using plug cutter, cut timber pellets from rail offcut and insert into rail hole using pva adhesive. Cut and sand pellet locations

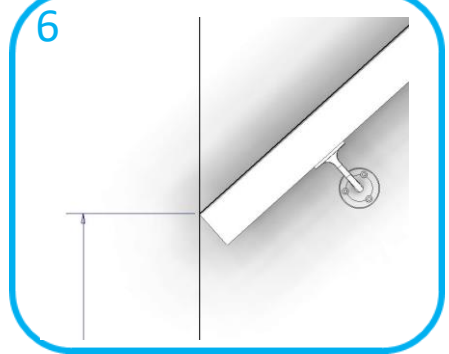
Mop stick Rail & Brackets



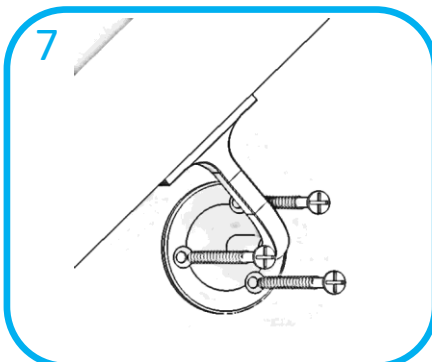
The 3600mm mop stick handrail has been designed to fit most staircases so no need to cut to length. Offer a bracket 150mm from end of rail ensuring it is central to the rail flat. Pilot drill through screw holes using 2.5mm dia drill. Secure bracket to rail using screws supplied. Repeat the same at the other end of rail. Measure distance between brackets and space the remaining brackets out equally between



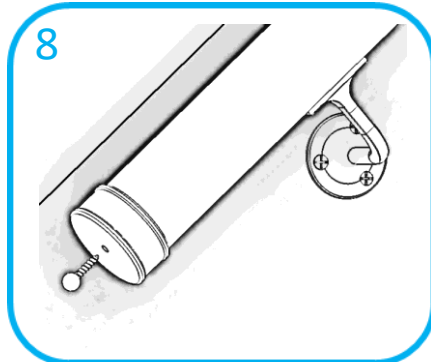
To position the rail, draw a vertical line up the wall in line with bottom riser. Repeat at top riser. Measure up 900mm from top of tread nosing at the bottom and top of stairs and mark location. Draw a line through both marks using a chalk/plumb line or long straight edge



Offer the rail and brackets up to the wall so that the top of handrail is aligned with 900mm line and rail ends are equally aligned with top and bottom vertical lines. Mark all bracket screw hole locations on wall. Drill and insert wall plugs suitable for type of wall construction (not supplied)



Offer rail and brackets back into position and secure using screws supplied



Place Rail End Caps over handrail ends and mark screw hole location. Drill 4mm dia pilot hole to depth slightly longer than the fixing screw. Secure rail end caps to rail using decorative screw supplied