

Fitting tips and special adaptations:

Wall is solid block / brick / concrete

- Use a GB350 wall rail, quickest to fit and has maximum handhold range.

Wall is stud-wall partition

- Use a GB400x200 Universal wall rail, easy to fit, good handhold range, can be used under a window (requires minimum 20cm (8") wall, has 40cm (16") pitch.

Can be used on a solid wall - the extra flange helps spread the load on weaker walls.

Wall is solid block / brick / concrete, but only 120cm under window

- Use a GB400x120 Micro rail, easy to fit, adequate handhold range, for use under a window (requires minimum 12cm (5") wall).

I need extra support as I am very arthritic

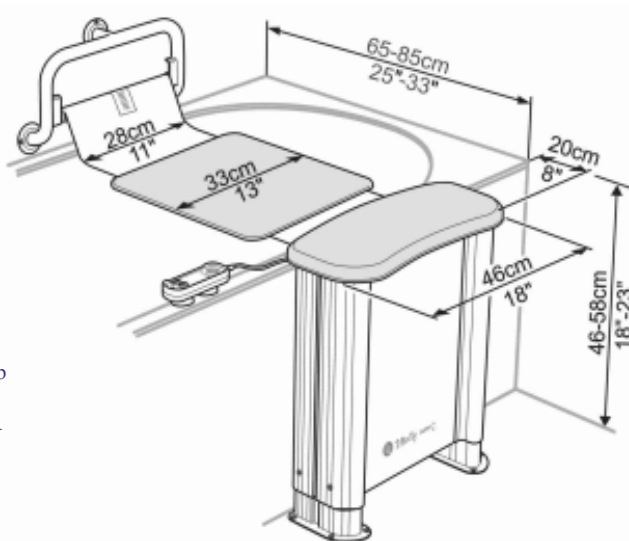
- Use a GB800RH (Right-hand) or GB800LH (Left-hand) Arthritic wall rail. This is the most comfortable of all our rails and with 5 flanges at dual stud-pitch intervals it is suitable for all wall types. To ascertain which hand you require, the extended tube has to point towards the tap-end of the bath. (See page 3 for images).

My bath tub is wider than the size shown

- We have an extra-wide belt suitable for baths up to 105cm (41"), and if wider than that we can quote you for a custom made belt.

My bath tub is higher than the size shown

- We can cut-to-length custom length extender legs for all heights of bath tubs.



Item	Specification
Max load	140kg - 22st - 308lb
Lift range	51cm (20")
Battery	12vDC x 2.3ah SLR
Battery range	20 lifts (average)
Battery weight	1.5kg (3.3lb)
Stool weight	12.5kg (27.5kg)
Rail weight	1.8kg (4lb)

Molly Bather Limited

49a Littlemarsh, Semington, Trowbridge, Wiltshire, BA14 6JF, United Kingdom
 tel: +44(0)1380 870649 - fax: +44(0)1380 871056
 e-mail: support@mollybather.com - web: www.mollybather.com

Fitting to a solid wall:

Checking your bathroom for suitability

- Check the wall beside the bath is brick, block or concrete construction.
- Check the wall is sound enough to support the Grab rail and the user's weight.
- Check for any pipes, under-floor heating or cables where the stool is fitted.
- Check the floor outside the bath, is suitable for the floor-fixing screws.
- Check the Molly Bather stool will not be obstructed by a sink, toilet or door.
- Check the belt will not be unduly affected by any internal handles or tapering of the bath contour, which could cause premature wear or creasing of the belt.

Fitting your GB350 Grab rail (Solid wall only)

Place the rail against the wall, with the end of the rail in line with the start of the bath curve, and just above the bath edge (as shown right Fig.2).

Mark the 6 holes through the flanges of rail, using a pen, keeping the rail horizontal.

Drill the 6 holes to suit the supplied wallplugs using an Ø8mm drill bit.

Remove debris from holes and insert wallplugs into each hole.

Realign rail, fit the supplied soft pads under the flanges and screw firmly into place, with the longer stainless-steel Posidrive screws provided.

Installing your Molly Bather stool to a solid floor

Mark the holes through the footplates with a pen, as shown left (Fig.5).

Move the stool clear of the area to be drilled.

Drill the floor holes deep enough to suit the supplied smaller wallplugs using a Ø6mm drill bit. Remove debris from holes and insert wallplugs into each hole. Realign the stool with the holes and screw into position using the shorter stainless steel Posidrive screws provided.

Installing your Molly Bather stool to a wooden floor

Follow the 'concrete' instructions up to, but excluding the drilling of the holes. Drill shallow pilot holes using a Ø3mm drill bit.

Realign the stool with the holes and screw into position using the shorter stainless steel Posidrive screws provided.

Final adjustments and testing of your Molly Bather

The Grab rail should now be firmly secured to the wall beside the bath and the Molly Bather stool firmly secured to the floor, with the black bumpers against the top edge of the bath. The belt should be parallel to the support cradles of the Grab Rail. The final adjustments can now be made and the system tested as follows:

Adjusting your Molly Bather to suit the floor and bath

Loosen the 2 hex head screws on each leg (See Fig 9 on Page 2), and telescope legs to desired height. Tighten screws firmly and fit the plastic caps provided over the screw heads. (If fitted onto carpet, allow for compression of pile).

The black bumper stops MUST be firmly against the top edge of your bath and the stainless panel under the seat 1/4" (6mm) above the bath edge.

(See Fig 10 on Page 2).



1) Check wall with studfinder



2) Align Grab rail on wall



3) Drill Grab rail holes in wall



4) Screw Grab rail onto wall



5) Mark feet holes in floor



6) Drill feet holes in floor

Fitting to a solid wall - continued:

Fitting the battery pack

Your Molly Bather battery pack is fully charged on arrival, and is inserted into the battery-well under the seat using the strap to avoid catching fingers on the metal surround, (See Fig 8), then fold seat down ready for setting belt.

Setting belt tension

Insert the stainless bar at the end of the belt into the support cradles of the grab rail opposite. The excess belt should be wound around the stainless bar until the white label is roughly level with the grab rail.

NOTE: The cradle entry is behind the rail and has an upper safety stop to prevent it coming out. **To adjust the tension**, slide bar up to safety stop, and rotate half a turn at a time until taut, lowering into the cradle to lock.

Checking belt tension under power

Wind-in the belt of the Molly Bather by pressing the RED 'up' button on the handset whilst applying hand-pressure on the belt (See Fig 11) until it automatically stops.

NOTE: There is a pad sewn onto the belt which houses 2 magnets, these stop the motor automatically when raising.

If the belt is still too slack, slide bar up to safety stop, and rotate half a turn at a time until taut, lowering into the cradle to lock. Generally the 'MID' text on the white label will be level with the grab rail. (Based on a 70cm width bath)

Checking Belt Tension under load

This should now be finally checked with a person preferably of a greater weight than the end user sitting on the belt. (See Fig 12)

Lower yourself right to the bottom of the bath by pressing the Grey 'down' button on the handset. Raise back up by pressing the RED 'up' button on the handset until it stops automatically. The belt should stop level with the seat, but not too taut. (Re-adjust if necessary as above).

Fit slip-cushion and ensure velcro straps are not too tight so that the sliding action is optimised. (See instruction sheet which comes with your Molly Bather for details of fitting, adjusting and washing your slip-cushion).

Alternative rails and accessories for other wall types

There are 5 different grab rails, for use with stud-partition and window walls, as well as additional rail extensions for the severely arthritic. (See Page 3)

There are alternative fittings to supplement the normally supplied fixings-kit, which are available to order as below:

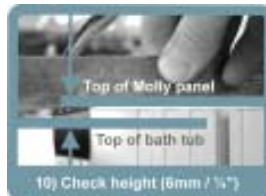
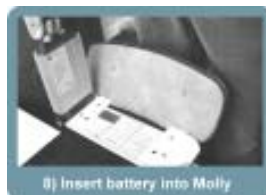
Extender kit

The kit comprises 2 extra bumper stops and extra-long button screws, which are used to space the Molly Bather stool further away from the bath edge to avoid bulbous bath panels.

Extra-long heavy duty expanding screws

The kit comprises 8 x Fischer S8RS100z (100mm x Ø8mm)

These are more suitable for suspected weak or hollow-space walls.



Fitting to alternative wall types - Stud partition wall:

Inspecting bathroom for suitability

Locate stud uprights, using a studfinder to help check their location. (See Fig 1)

NOTE: If the wall has been built to modern Building Regulations, the stud intervals should be every 400mm (16"). You can also confirm whether the timbers are in the correct position by drilling a small test hole through the grouting, which can be filled on completion.

Install GB400 or GB800 Grab Bar to studded wall

Align the grab bar horizontally with the studs closest to the start of the bath curve, and mark holes through the flanges in the grab bar.

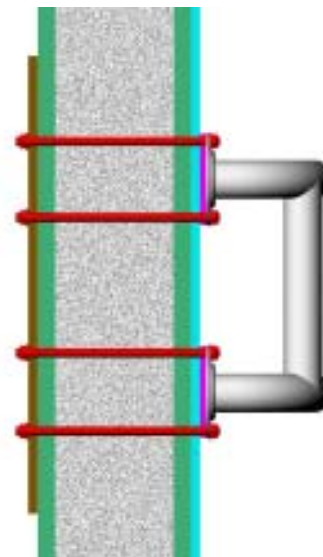
Drill shallow pilot holes using a Ø3.5mm drill bit.

Realign the grab bar, fit the supplied soft pads under the flanges and screw firmly into place, with the longer stainless steel Posidrive screws provided.

Alternative options for studded walls

If the stud uprights are not to Building Regulations or are not in a suitable position for the bather, it may be necessary to use alternative methods of attachment.

NOTE: We do not recommend any type of expanding fixing direct into the plasterboard. These can be unreliable and could result in the rail being pulled off the wall in use.



GB350 (solid only)



GB400x120 (solid only)



GB400x200 (solid or stud)



GB800LH (solid or stud)



GB800RH (solid or stud)

Plywood backing-board

You can use a minimum 1/4" (6mm) plywood panel, cut approximately 4" (10cm) taller and wider than your GB400 or GB800 rail fitted on the opposite wall behind the bath. The rail can then be bolted through the wall braced by the plywood backing-board, sandwiching the stud-partition wall. You can use either 1/4" (M6) stainless steel studding with nuts and washers both sides, or 1/4" (M6) coachbolts and dome nuts, with the nuts being on the rail side of the wall. (See 'Backing-board' example left)

Plywood fascia-panel

If access to the room behind the bathroom wall is not possible, (such as in an apartment), it may be necessary to use a builder or bathroom fitter to locally reinforce the wall with cross-timbers behind the plasterboard, or a plywood fascia-panel secured to the stud timbers to provide secure attachment of the grab rail.