

Bike storage in Glasgow tenements: how to install a horizontal wall rack



1 What you will need

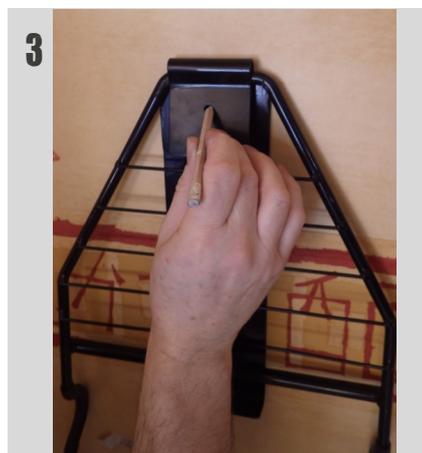
The bike rack, three 5 x 60mm heavy-duty screws and Rawlplugs to fit (size 8).

Pencil, spirit level, hammer, tape measure, drill with drill and screw bits (or a screwdriver) to fit the screws.



2 Measure your bike

Measure the length and height (from bottom of wheel to top tube) of your bike and decide how far off the floor you want to hang it. Identify a suitable wall space with these measurements (plus a bit extra) for clearance.



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3 Mark the top attachment point

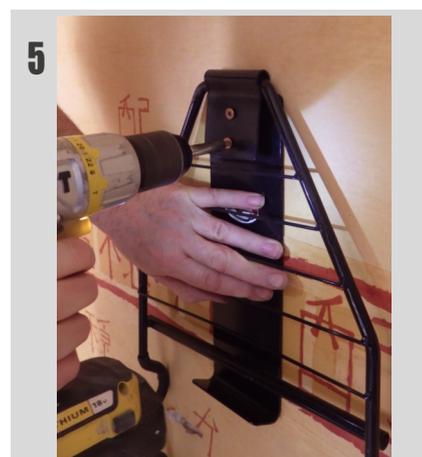
Mark the centre point of your bike lengthwise on the wall and measure up from this point how high you would like to hang it. This is where the top of the rack will be attached to the wall.



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4 Drill pilot hole for the top attachment point

Drill a hole for a Rawlplug at this point. Insert a Rawlplug into the hole and attach the top of the rack to this with a screw.



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5 Attach the rack at the top

Using a spirit level position the rack on the wall so that it is straight. Mark where the bottom and second top holes are. Take the rack off the wall and drill holes for Rawlplugs at these points. Insert Rawlplugs and attach the rack using screws.

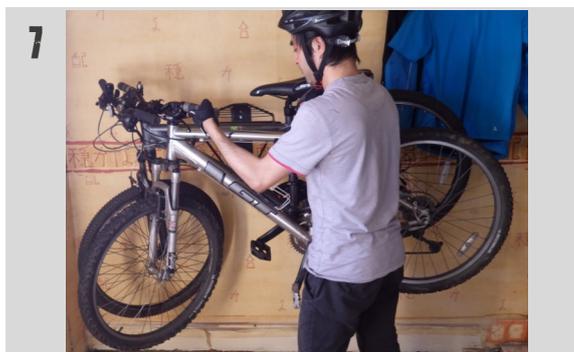


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6 Attach the rack support

If it's not already attached, fit the rack support triangle into the holes on either side of the rack arms and rest it on the ledge at the bottom of the rack.

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Lift your bike on to the rack arms

Lift your bike up and rest the top tube of the frame on the rack arms. This particular rack holds two bikes and also has space for storing a helmet on the top. It folds flat against the wall when not in use.

Things to consider

- Ensure that there is enough space around the rack to allow getting the bike on and off without damaging anything or injuring yourself.
- Drill holes that are deep enough to get the fixing at least 2cm into the brick or stone behind the plaster to give it strength. You will need screws which are at least 50mm (we have recommended 60mm to be safe).
- If the plaster crumbles when you drill into it you can stabilise it by filling it with a strong adhesive such as 'No More Nails' before pushing in the Rawlplug.

More information

South Seeds has produced a series of guides showing how to install different types of bike storage in your tenement flat. Download these and more at www.southseeds.org/projects/supporting-cycling-in-the-southside.

This guide was produced by South Seeds in readiness for the South City Way. The South City Way is a new active and sustainable travel corridor running from Queen's Park to the city centre. For more information about cycling in Glasgow visit www.glasgow.gov.uk/cycling.

For more information about what South Seeds does, or if you have any questions, you can visit our office at 514 Victoria Road, Glasgow G42 8BG, telephone on 0141 636 3959, email info@southseeds.org, visit www.southseeds.org, or check us out on Facebook.com/SouthSeeds or @SouthSeeds on Twitter.