

GYPROC HABITO®

How to fix into your wall



Fixing into Gyproc Habito®

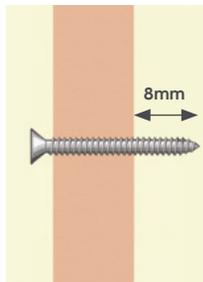
What to consider when fixing heavy items such as shelves, curtain poles and televisions.

1 DETERMINE THE CORRECT SCREW TO USE

We recommend that you use a woodscrew for fixing items into Gyproc Habito®. Woodscrews are commonly stocked in DIY stores.

Length

It is important to select a screw length which is appropriate to what you are fixing. You should ensure that the fixing is long enough so that the screw penetrates the back of the board by 8mm. It is important that the screw has thread over the full length within the board thickness as shown on the right.



Grade of screw

Woodscrews are available in different classifications e.g no. 10, no. 12 etc. The load that the fixing can support, when screwed into Gyproc Habito®, is governed by the screw classification. A no. 10 woodscrew can support a load of up to 15kg per fixing.

Details of what load can be supported by which screw can be found in the table.

Classification	Metric equivalent	Loading (kg)
No. 6	3.5mm	12.4
No. 8	4.0mm	12.9
No. 10	5.0mm	15
No. 12	6.0mm	15

2 FIXING INTO THE WALL

You can use a screwdriver or a mechanical screwdriver to fix into Gyproc Habito®. **It is important not to over tighten** the screw when fixing as this will reduce the loading capability of the wall. If using a mechanical screwdriver, ensure the setting is not on hammer and use a low torque setting.

Tighten the screw until the screw head is flush with the fixture you are attaching to the wall. When fixing into a newly plastered wall you can limit the aesthetic damage to the wall surface by breaking through the plaster skim with a screwdriver prior to screwing into the wall surface.



How much load can be supported by Gyproc Habito®?



The load that you can support depends on how many fixings you are using to fix your item into Gyproc Habito®.

For a shelf bracket, they typically contain three fixings. So if an appropriate length no. 10 woodscrew is used, then a shelf supported by two brackets can support up to 90kg (6 x 15). You also need to check what load the bracket can support.

For a TV bracket the TV weight that can be supported will depend on the number and type of fixings used. So if appropriate length no. 10 woodscrews are used, then the TV bracket can support a TV of up to 60kg with four fixings or up to 90kg with 6 fixings. A modern 40" TV weighs approx. 13kg.

For a kitchen wall cabinet the weight that can be supported will depend on the number and type of fixings used. So if four appropriate length no. 10 woodscrews are used, then the cabinet can support items up to 60kg in weight. This is equivalent to 144 cans of beans.



Can Gyproc Habito® support loads that move (dynamic loads)?

Gyproc Habito® can support dynamic loads such as curtains and full motion TV brackets (that allow extension or movement) as long as the safe working load of the fixings is not exceeded.

Can I use a cavity fixing with Gyproc Habito®?

Gyproc Habito® is designed to deliver high levels of fixing strength without the use of a cavity fixing but if a cavity fixing is used then the following loads can be achieved. These loadings are significantly higher than standard plasterboard.

Fixing	Loading (kg)
M5 cavity fixing	33.7

How close together can I position fixings into Gyproc Habito®?

Fixings can be positioned at 15mm apart without the wall losing loading capability.

Can I re-fix items back into the same location?

You can re-fix an item back into the same position into Gyproc Habito® and the load strength will be largely unaffected. Multiple re-fixing in the same screw position will result in a loss of loading strength.

Can I fix into Gyproc Habito® if the board is fixed using the dot and dab method?

Yes, providing our fixing guidance is followed and the safe working load of the fixings is not exceeded.



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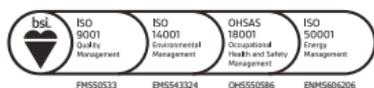


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MAY 2018 BG-GHFA-02



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