



How to fix into
GYPROC HABITO



FIXING INTO GYPROC HABITO

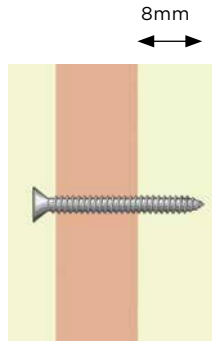
What to consider when fixing heavy items such as shelves, curtain poles and televisions.

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. 5.0mm, 6.0mm etc. The load that the fixing can support, when screwed into Gyproc Habito, is governed by the screw classification. A 5.0mm woodscrew can support a load of up to 15kg per fixing.

ITEMS BEING
FIXED TO GYPROC
HABITO, SUCH AS
CUPBOARDS, MUST
BE PRE-DRILLED
BEFORE FIXING.



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.



LOAD TYPES

Gyproc Habito has been tested with a variety of loads but it is important to consider the different load types and suitable fixings when fixing an item to any plasterboard. The table below provides an example of possible load types and the recommended fixings (subject to maximum load criteria), for further advice you can contact our Technical Support Department.

Load Type	Understanding the Terminology	Recommended Fixing for Habito**
Static Load	Where weight is reasonably consistent after the item is fixed into position e.g. Mirrors, paintings etc.	5mm Woodscrew
Cyclical Load	Where loading on the fixture increases and decreases e.g. the loading and unloading of kitchen cabinets, shelves etc.	5mm Woodscrew*
Dynamic/ Live Load	The nature of the item being fixed means that it will have a high level of additional interaction e.g. Handrails etc.	Cavity Anchor

** If concerned about potential for accidental dynamic/ live loading, then use of a cavity anchor is recommended*

*** Fixings are subject to maximum (pull out) loading weight*



Fixing devices and typical safe working loads on Gyproc Habito



	Wood-screw 5mm	M5/12 Cavity Anchor	M5/25 Cavity Anchor	M4 Spring Toggle
Board Types	Typical SWL* (kg)	Typical SWL* (kg)	Typical SWL* (kg)	Typical SWL* (kg)
12.5mm Gyproc Habito	15	37	47	42
2 x 12.5mm Gyproc Habito	34	N/A	81	53

*Safe working load (SWL) is the maximum pull out force of the fixing into Habito divided by a factor of 4 i.e. $60\text{kg}/4 = 15\text{kg SWL}$

It is important to ensure that the drylining system specified is capable of supporting the loads, particularly if installing multiple fixtures.

It is important that you do not over tighten fixings into Gyproc Habito. Any material you are fixing into has a limit to how much a fixing can be tightened. Once you feel resistance to tightening a screw stop. If you over tighten the screw, you will start to strip the core of the product, removing the ability for the screw to grip into the board. If you do over tighten the fixing it will turn without any resistance. In this case you will need to fit a cavity fixing, as you have created a hole through the Habito Board.

How close together can I position fixings into Gyproc Habito?

Fixings can be positioned at 15.0mm 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 on 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.

Gyproc

Unit 4,
Kilcarbery Business Park,
Nangor Road,
Dublin 22
D22 R2Y7

Technical Support

ROI: 1800 744480
NI: 0845 3990159
tech.ie@saint-gobain.com

www.habito.ie

email: habito@gyproc.ie

