

# GYPROC GHE 13 HABITO



## PRODUCT NAME

Gyproc GHE 13 Habito

## PRODUCT DESCRIPTION

Gyproc Habito® is an exceptionally robust cardboard-faced construction board, offering outstanding suspension strength and impact resistance. The board can support up to 40 kg of suspended load with a single ordinary wood screw and is significantly stronger than other types of boards. Habito® offers the greatest stiffening capacity ever among gypsum boards, and its impact resistance is up to ten times higher compared to standard gypsum boards. The tapered, light-colored board makes jointing and finishing effortless. Gyproc Habito® is particularly well suited for locations requiring exceptional durability, such as kitchens, technical spaces, garages, schools, daycare centers, and hospitals. Habito® can also be used in wet areas with K600 frame spacing. Manufactured in Finland, the board is EPD-certified, M1-emission classified, and CE-marked. The board weighs 12.2 kg/m<sup>2</sup>.

## USAGE

The product is primarily recommended for interior walls exposed to greater stresses, where impact resistance, hanging strength, and rigidity are required. When Gyproc Habito® is installed to metal or wooden frame, it's recommended to use Grabber GHX special banded screws.

## TECHNICAL INFORMATION

|                                           |                                                                     |
|-------------------------------------------|---------------------------------------------------------------------|
| Width                                     | 900 mm                                                              |
| Thickness                                 | 12,500 mm                                                           |
| Weight (per m <sup>2</sup> )              | 12,200 kg/m <sup>2</sup>                                            |
| Edge profile (long side)                  | Tapered edge                                                        |
| Edge profile (short side)                 | Square edge                                                         |
| Shear strength                            | 900 N                                                               |
| Flexural breaking strength (longitudinal) | 3,4 MPa                                                             |
| Flexural breaking strength (transverse)   | 8,6 MPa                                                             |
| Modulus of elasticity (transverse)        | 2,8 GPa                                                             |
| Modulus of elasticity (longitudinal)      | 4 GPa                                                               |
| Tolerance (Thickness)                     | +0,5/-0                                                             |
| Tolerance (Length)                        | +0/-5                                                               |
| Tolerance (Width)                         | +0/-4                                                               |
| Tolerance (Weight)                        | ±0,2                                                                |
| Fireclass                                 | A2-s1, d0                                                           |
| Thermal resistance                        | 0,05 m <sup>2</sup> °C/W                                            |
| Water vapor resistance                    | 4500 m <sup>3</sup> /m <sup>2</sup> ·s·Pa                           |
| Product approvals                         | CE, M1, EPD,<br>Suitable for Nordic<br>Swan Ecolabeled<br>buildings |