

Glasroc H Storm™ Sheathing Board

Description

Glasroc H Storm is Gyproc new sheathing board, designed to meet market demands. The board can be exposed to the weather for 12 months which allows greater flexibility in the construction process.

Glasroc H Storm is a safe solution during construction as well as during the building's entire life. It is recommended for all applications where Gyproc GU 9 was previously used.

The board has a thickness of 9.5 mm and is available in widths of 900 mm (GHSE 9) and 1200 mm (GHS 9). The boards are processed and assembled with the same tools and as easily as regular plasterboards. Glasroc H Storm should not be coated.

Glasroc H Storm sheathing system also includes special accessories Glasroc G 9 Profile, Gyproc H 9 Profile and Gyproc F 9 Flex and screws with improved corrosion protection to withstand the weather.

The Sheathing board is not designed for indoor use, for such applications use Glasroc H Ocean Wetroom board.

Advantages with Glasroc H Storm

- Demonstrated good mould resistance
- Good moisture resistance
- Withstands exposure times of 12 months
- Airtight
- Good dimensional stability
- Fireproof
- Soundproofing
- Easy handling of returns. Returned

with the same transport solution that plasterboard waste.

- Processed with the same type of tools that traditional plasterboard
- Installed with the same kind of tools and fasteners as traditional plasterboard
- Can be mounted with collated screws which provides easier and faster installation.

Installation

Sheathing boards are mounted on the studs with a maximum cc 600 mm. The boards are fitted tightly against each other and screwed to the frame. As with other sheathing boards, all joints and connections are sealed to prevent air permeability through the wall and to protect the insulation (sheathing board's primary task). This is done for example with Glasroc G 9, Gyproc H 9 Profile or Gyproc F 9 Flex.

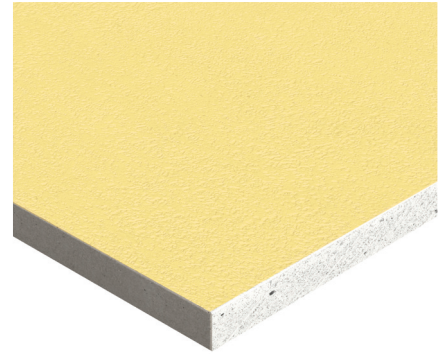
Joints and connections to other parts of the building should be performed with the precision demanded by the construction and weather exposure during construction. Pay particular attention to the risk of damage to moisture sensitive materials inside the sheathing system.

Sealing

Sealing and stabilization of non-supported joints is done with Glasroc G 9 Profile alternative Gyproc H 9 profile. The enclosing part of Glasroc G 9 Profile faces down at the horizontal joints.

Capillary distance

The distance between the lower edge of the boards and other adjacent parts

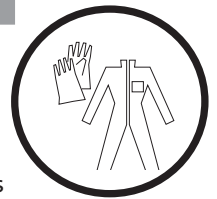


of the building should be 10-20 mm to prevent capillary suction of water and compression of the boards at the movements of the frame.

In winter time, prolonged contact with the snow should be avoided to prevent absorption of moisture.

Remark

Glasroc H Storm contains fibre glass which can cause skin irritation. Gloves and covering clothing is recommended for the handling of the board. If necessary, use a respirator with particle filter type P2. Building Product Declaration and Safety Data Sheets can be downloaded from www.gyproc.se. Change clothing after use to minimize the spread of fibre glass and clean the skin after use.



Gyproc Technical Sales & Support

For further information and project advice, contact Gyproc or any of our dealers in the country. Information, design and installation guidance will be found also on www.gyproc.se.

Material Properties	Glasroc H Storm™
Thickness [mm] tolerance	9,5 ±0,4
Width [mm] tolerance	900 och 1200 +0 / -3
Length [mm] tolerance	Contact Gyproc +0 / -4
Squareness [mm/mm]	1/600
Edge profile Long side Short side	Square Square
Weight [kg/m²] tolerance	7,6 +0,6 / -0,2
Flexural Strength [MPa] Longitudinal Transverse	7,9 3,1
Reaction to Fire Classification, EN 13501-1	A2-s1,d0
Moisture Resistance Water vapour resistance factor [μ] Water vapour resistance [s/m] Coefficient of extension to RF 40-90 % [mm/m]	< 10,0 ca 4 x 10 ³ 0,2
Thermal Resistance Thermal Resistance R [m² · K/W] Coefficient of extension [1/K]	0,06 25 x 10 ⁻⁶
Permeability Air Permeability [m/(s · Pa)]	0,2 x 10 ⁻⁶

Product Range

Glasroc H GHS 9 Storm™ – Sheathing board

Short name	Length mm	Width mm	Thickness mm	Weight kg/m²	Quantity PC/BUN	Material-number	EAN-number
GHS 9	2400 ¹	1200	9,5	7,6	40	5200601062	7318936606245
GHS 9	2500 ¹	1200	9,5	7,6	40	5200601063	7318936606252
GHS 9	2700	1200	9,5	7,6	40	5200601064	7318936606269
GHS 9	2740 ¹	1200	9,5	7,6	40	5200601066	7318936606276
GHS 9	3000	1200	9,5	7,6	40	5200601067	7318936606283

Glasroc H GHSE 9 Storm Ergo® - Sheathing board

Short name	Length mm	Width mm	Thickness mm	Weight kg/m²	Quantity PC/BUN	Material-number	EAN-number
GHSE 9	2500 ¹	900	9,5	7,6	42	5200601158	7318936606559
GHSE 9	2700 ¹	900	9,5	7,6	42	5200601160	7318936606566
GHSE 9	3000 ¹	900	9,5	7,6	42	5200601161	7318936606573

¹ No stock keeping material available upon request. Minimum order quantity 500 boards per length – Contact Customer Service.

On-line special lengths available upon request. Minimum order quantity 500 boards per length – Contact Customer Service.

Off-line special formats not available.

Transfer price (TP) Ex. Works.

Joining Sheathing Profiles

Glasroc G 9 Profile

Description	Length mm	PC/Bun
G9 Profile	3000	22

Steel Profile. Best solution for sealing of non-supported horizontal and vertical board joints. The boards are screwed in the profile. It is produced in galvanized and coated 0.5 mm steel sheet.

Gyproc H 9 Profile

Description	Length mm	PC/Bun
H9 Profile	2500, 2700, 3000	36

Plastic profile for sealing of non-supported horizontal board joints. It provides adequate seal without screw fixing.

Gyproc F 9 Flex

Description	Length mm	PC/Bun
F9 Flex	3000	36

Plastic Profile for sealing between windshield panels and adjacent building components or for the sealing of the supported horizontal board joints.

Screws for Glasroc H Storm

Gyproc QSTW Quick

Description	Length mm	PC/Bun	Ø mm
QSTW 32	32	1000	3,5
QM-STW 32	32	1000	3,5

Combi-screws for fixing Glasroc H Storm boards in a wood frame or a steel frame of up to 0.9 mm thickness. QM is collated screw.

Gyproc QSBW Quick

Description	Length mm	PC/Bun	Ø mm
QSBW 25	25	1000	3,5
QM-SBW 25	25	1000	3,5

Screw with drill point for fixing Glasroc H Storm in a steel frame of 0.9 to 2.1 thicknesses. QM is collated screw.