

Glass-mat 9.5mm

Water-Resistant Gypsum Board

Product Data Sheet

04/2026



Product Description

GLASS-MAT 9.5mm is designed and manufactured with advanced technology. In addition to basic features of gypsum board such as lightweight and non-combustible material, it also provides water and mould resistant solution to interior and semi-exterior ceilings in wet area and affected by water in commercial and residential buildings.

Advantages

- Inorganic surfaces that shed water.
- Moisture and Mold resistance
- Gypsum based product that is quick score-and-snap, easy to curve and low risk of joint-crack.

Product Specification

Thickness (mm)	Width (mm)	Length (mm)	Average weight (kg/m ²)	Edge
9.5	1220	2440	8.1	SE

Values in above table are nominal and for reference purpose

SE – Square Edge

(*) Special size or edge are made to order

Compliance

- QCVN 16 : 2023/BXD
- TCVN 8256 : 2022
- ASTM C1177
- ASTM D3273



Certified to products made by Knauf Vietnam plants

Technical Information

Item (*)		Unit	Glass-mat 9.5mm	Test Method
Flexural Strength Method B	Perpendicular to panel length	N	≥ 343	TCVN 8257 ASTM C473
	Parallel to panel length		≥ 116	
Humidified deflection		mm	≤ 6	
Nail Pull resistance		N	≥ 249	
Water absorption		%	≤ 5	TCVN 8257
Percentage of surface defacement after 28 days		%	0	ASTM D3273
Volatile Sulfur Compounds (S8)		ppm	≤ 10	ASTM C471M

(*) Refer to requirements in TCVN 8256 : 2022 – Gypsum boards - Specifications

Application

GLASS-MAT 9.5mm is designed for skimmed and painted interior and semi-exterior ceilings in wet or affected by water areas. The board should be installed in full system with KNAUF's profiles or systems which are under KNAUF's approval to be achieved highest performance.

Knauf profile	Thickness of board (mm)	Layer of board	Max main runners span – center to center (mm)	Max cross runners span – center to center (mm)
Ultra	9.5	1	1000	406
Pro/ ProV+	9.5	1	900	406
Suprawall	9.5	1	406	N/A

Values in above tables are nominal and for reference purpose.
The span should be calculated depend upon actual installed/ wind-load conditions.
Please contact to Knauf Technical service for further assistance.

Storage and Transportation

- Stored and transported in dry, non-wet conditions (not under the impact of rain, seepage and poor ventilation in prolonged high humidity condition)
- Plasterboard should be stored neatly, flat high off the ground, indoor, at dry area to prevent sag and minimize impact to edges and surface.
- Plate supports should be placed at a span of 600mm max.
- No more than 5 pallets on a vertical stack.

Limitation

- Avoid exposure to temperatures exceeding 52°C in prolonged time.
- Install the system in dry, well-ventilated areas and maintain RH at 30%–60%; provide supplemental ventilation when ambient RH exceeds 60%; and keep conditions within these limits during and after installation.
- Installation shall be free from excessive humidity, chemical fumes, corrosive substance, freezing temperature or vibration.
- The quality assurance shall not over the damages caused by fire or direct contact with water including condensation, caustics substance or vapor due to leaks or temperature and humidity conditions which cause condensation to develop on the plasterboards, or other elements of nature or by any form of physical abuse.
- Wall cavities, floor cavities and other enclosed areas must be dry prior to being closed and application of interior finishing. Insulation in the floor cavities must be dry.
- Glass-mat 9.5mm is not to be used as drywall and tile-backer application.

Finishing and Decoration

- It is essential that the level of finish is determined at the design stage, as each level has specific requirements for tolerances, plasterboard installation, joints, and finishes. The desired level of finish may not be achieved unless all these requirements are met through the various design stages of construction.
- Knauf recommends using 3 layers of Knauf joint compound and Knauf paper/ mesh tape to achieve best joint quality. To achieve the effect of a primer and trim, pattern or wall covering, the manufacturer's instructions or recommendations should be followed.
- Skimming is recommended to whole surface before painting.
- If glossy or semi-gloss paint is used, it is recommended that the plasterboard surface be finished to a Level 5 standard, as these paints tend to accentuate surface imperfections.
- For more finishes, please refer to the technical guide Knauf Systems+



HO CHI MINH OFFICE: 7th Floor, Harbour View Tower, 35 Nguyen Hue Street, Sai Gon Ward, Ho Chi Minh City, Vietnam.
HO CHI MINH PLANT: Lot B3a, Hiep Phuoc Industrial Zone, Hiep Phuoc Commune, Ho Chi Minh City, Vietnam.
HA NOI OFFICE: Office Area – No. 29 Lieu Giai Street, Ngoc Ha Ward, Ha Noi City, Vietnam.
HA NOI PLANT: Land Plot CN4.4A, Dinh Vu IP, Dinh Vu – Cat Hai Economic Zone, Dong Hai Ward, Hai Phong City, Vietnam.

Information provided is for reference purpose only. Products, specifications and requirements may vary according to geographical locations and applications. As each project is unique, please contact your nearest Knauf representative for further product, solution and technical supports.

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