

Ultra MoistShield

Premium Moisture-Resistant Gypsum Board

Product Data Sheet

04/2026



Product Description

Ultra MoistShield Gypsum Board is designed and manufactured using advance technology, providing enhanced moisture resistance and mold resistance performance. It is suitable for interior ceiling systems in high-humidity and wet areas in both commercial and residential buildings.

Product Specification:

Thickness (mm)	Width (mm)	Length (mm)	Weight ¹⁾ (kg/m ²)	Edges ²⁾
9	1220	2440	6.2	Squared

Values in above table are nominal and tolerance in compliance with the standard required.

1) Represent approximate weight for design and shipping purpose.

2) Other edges and sizes are made to order.

Advantages

- Create a safe and sustainable living environment with moisture and mold resistance performance.
- Eco-friendly material for premium human living spaces
- Lightweight material for easy handle and installation
- German brand, built for lasting durability

Compliance

- QCVN 16:2023/BXD
- TCVN 8256 ³⁾
- ASTM C1396 ³⁾

3) Made to order



Certifications are being available to products manufactured at Knauf Vietnam plants

Technical Specification

Item ⁴⁾		Unit	Ultra MoistShield 9mm	Test Method
Flexural Strength Method B	Perpendicular to panel length	N	≥ 322	TCVN 8257 – 3:2023
	Parallel to panel length		≥ 109	
Humidified deflection		mm	≤ 10	TCVN 8257 – 5:2023
Water Absorption		%	≤ 5	TCVN 8257 – 6:2023
Volatile Sulfur Compounds (S8)		ppm	≤ 10	ASTM C471M – 20a

4) Refer to QCVN 16:2023/ BXD – National Technical Regulations on Products, Goods of Building materials

Application

Ultra MoistShield Gypsum board is designed for interior concealed ceiling systems at high-humidity and wet areas. It should be installed with KNAUF ceiling profiles or under KNAUF's approval to achieve best performance.

Concealed Ceiling System

Knauf ceiling profile	Board thickness (mm)	Layers of board	Max main runners span – center to center (mm)	Max secondary runners span – center to center (mm)
Ultra	9.0	1	1200	406
Pro	9.0	1	1100	406
Xtra	9.0	1	1000	406

Values in above table are nominal and for indicative purposes only.
The span should be calculated depend upon actual installed conditions.
Further details, please refer to the technical guide Knauf Systems+

Sustainability

Ultra MoistShield contributes to achieve the Sustainability certification at building projects

LEED v4

- EA** : Optimize Energy Performance
- MR** : Building Life Cycled Impact Reduction
- MR** : BPDO – Environmental Product Declaration (EPD)
- MR** : BPDO – Sourcing of Raw material
- MR** : BPDO – Material Ingredients (HPD)
- EQ** : Low-Emitting materials (VOC report)

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HPD



VOC



CD

Climate declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1m² of plasterboard Ultra MoistShield with thickness of 9.0mm

Product stage (A1 – A3) Cradle to Gate	Product + Construction stage (A1 – A5) Upfront carbon
2.45E+00	2.70E+00

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.

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.

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.
- 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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