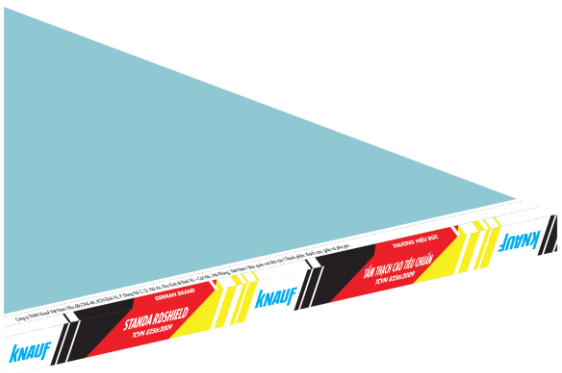
StandardShield 9mm

Standard Gypsum Board

Product Data Sheet *04/2026*



Product Description

StandardShield 9mm is engineered with advance technology, providing reliable ceiling solutions for residential, commercial, and industrial projects.

Product Specification:

Thickness (mm)	Width (mm)	Length (mm)	Weight [1] (kg/m²)	Edges[2]
9	1210	2420	5.6	Squared
	1220	2440	5.6	Squared

Values in above table are nominal and reference purpose.
1) Represent approximate weight for design and shipping purpose.
2) Other edges and sizes are made to order.

Advantages

- Safety for modern 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

CERTIFIED ISO 9001 CERTIFIED ISO 14001 CERTIFIED ISO 45001

Certifications are being available for products manufactured at Knauf Vietnam plants

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Technical Specification

Item [4]		Unit	StandardShield 9.0 mm	Test Method
Flexural Strength Method B	Perpendicular to panel length	N	≥ 322	TCVN 8257 – 3:2023
	Parallel to panel length		≥ 109	
Humidified deflection		mm	≤ 48	TCVN 8257 – 5:2023
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

StandardShield 9mm is intended for use in suspended interior ceiling systems. It should be installed with Knauf profiles or under Knauf's approval profiles to be achieved 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 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.

Sustainability

StandardShield 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)

GREEN MARK

- **EP** :Sustainable construction (SGBP)

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VOC **SGBP**

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.

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.