

Knauf – One of worldwide market leaders in providing customers with light-weight material solution

Knauf Group, a German-based global company operating across 90 countries worldwide, acquired Sheetrock as part of its acquisition of USG in 2018. The synergies from this acquisition increases Knauf’s capability to provide products and systems for light-weight building material that are environment-friendly, energy-efficient, and fairly-priced to help customers work and build better.”

Knauf – One of leading German brands for builders to Build a Better Living Space.



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Remarks: 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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KNAUF

FIRESHIELD

Fire Resistant Gypsum Board

EPD Verified Product

Build on us.

KNAUF

FIRESHIELD

Premier choice for fire resistant solution

FireShield

A product of Knauf group from Germany, designed and manufactured with advanced technology. It provides fire resistant solution for internal partition and ceiling.

Advantages

- Non-combustible material for diverse fire protection solutions.
- Eco-friendly material for sustainable buildings.
- Lightweight material for easy handling and installation.
- German brand, built for lasting durability.
- Enhanced with anti-mould additives (*)

(*) Made to order

Full system from Knauf

FireShield should be installed in full system with Knauf's ceiling Metal Profiles or System which are under Knauf's approval in order to achieve highest performance.

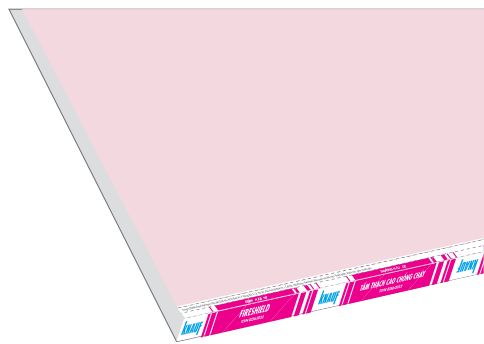
Product specification

Thickness (mm)	Width (mm)	Length (mm)	Edges
9.5	1090	2440	Squared
	1220	2440	Squared
12.7	1220	2440	Tapered
15.9	1220	2440	Tapered

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

Other edges and sizes are made to order.

Front side



Back side



KNAUF FIRESHIELD

The actual product color can be seen on the attached sample board.



Compliance

- QCVN 16:2023/BXD
- ASTM C1396 (*)
- QCVN 06:2022/BXD
- ASTM D3273 (*)
- TCVN 8256 (*)



(*) Made to order

Storage & Installation

Stored and installed in dry, non-wet conditions (not under the impact of rain, seepage and poor ventilation in prolonged high humidity condition).

TRUSTED SOLUTIONS FROM GERMANY

WARRANTY **5 YEARS**



German Brand



Full system solution



Fire rating up to 180 minutes

Knauf Concealed Ceiling System

Concealed System	Thickness (mm)	Layer of Board	Max main runners span - center to center (mm)	Max cross runners span - center to center (mm)	Fire Rating EI (Minute)
Ultra	15.9	2	800	406	60 ^(TN)
Ultra	15.9	3	600	305	90

Knauf Drywall System

Drywall system	SupraWall Stud size (mm)	Layer x Span of Studs (mm)	Layer x Thickness of board (mm)	Wall Width (mm)	Max Height (m)	Fire Rating EI (*) (minute)	Acoustics, STC/Rw (**) (dB)
FireWALL	64	1 x @610	1 x 12.7	92	3.8	45	45
	76	1 x @610	2 x 12.7	129	3.7	120 ^(TN)	54
	92	1 x @610	1 x 15.9	126	5.2	60 ^(TN)	48
	102	1 x @610	2 x 15.9	168	5.6	150 ^(TN)	55
	150	1 x @610	3 x 15.9	248	7.2	180 ^(TN)	56

Values in the table are nominal for reference purpose.

This is a non-load-bearing internal partition system.

Board surfaces must be finished in accordance with technical requirements before operation.

Further details, please refer to the technical guide Knauf Systems+.

(*) Reference for full system from Knauf.

(**) Using Glasswool Insulation with thickness of 50mm, density of 24kg/m³

^(TN) Test Report used Suprawall 76 stud according to QCVN 06:2022/ BXD

Sustainability

FireShield 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



EPD
INTERNATIONAL EPD SYSTEM