

# STANDARDSHIELD

Lightweight Standard Gypsumboard



# STANDARDSHIELD

Lightweight technology: easier to transport, handle and install

## General Information

- > Naturally heat & fire resistant.
- > Environmentally friendly
- > Non hazardous

## KNAUF StandardShield

Designed and manufactured with state of the art technology from Germany for internal walls and ceilings. KNAUF StandardShield provides walls and ceilings which are easy to install.

## Instructions for Use

KNAUF StandardShield should be installed using KNAUF ceiling and wall metal frame systems in order to achieve highest performance.

## Product Information\*

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge**
9.5	1220	2440	6.3	TE,SE
12.7	1220	2440	8.7	TE,SE
15.9	1220	2440	10.3	TE,SE
Surface	Ivory face paper and grey back paper			
Installation Method	For best results, install with Knauf wall and ceiling systems			

\*Values in above table are nominal and for indicative purposes only

\*\*Edge type: TE = Tapered Edge, SE = Square Edge

## Specification

KNAUF StandardShield

Edge Type

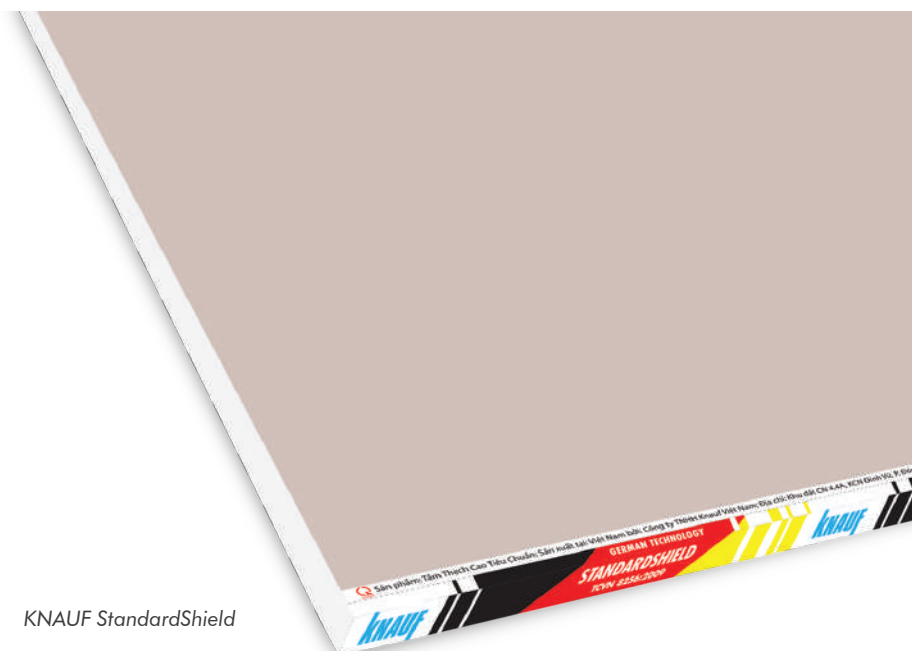
- > Tapered Edge
- > Square Edge

Board Dimensions

- > 9.5x1220x2440
- > 12.7x1220x2440
- > 15.9x1220x2440

\* Complys with TCVN & ASTM

- > TCVN 8256:2009
- > ASTM C1396



KNAUF StandardShield

# GENERAL INFORMATION



Eco-Friendly

Industrial Standards

- > TCVN 8256:2009
- > ASTM C1396

**TCVN**


## Wall System

Knauf Frame C Stud/U Track	Overall Thickness of Wall System	Thickness of Sheet	Height*	Sound-Insulation Rate	Sound-Insulation Rate with glasswool Insulation**	Fire Resistance Rate	Duty Rating***	Weight/m <sup>2</sup> Nominal
mm	mm	mm	mm	dB	dB	min		kg/m <sup>2</sup>
50/52	77.4	1x12.7	2985	33	41	30	medium	18.6
63/65	90.4	1x12.7	3525	34	42	30	medium	18.9
75/77	102.4	1x12.7	3915	34	43	30	medium	19.2
91/93	118.4	1x12.7	4740	35	43	30	medium	19.6

\* Distance for C-Stud Frame 610 mm center maximum.

\*\* Insulation is 50mm thick glass wool, with density of 11 kg/m<sup>3</sup>.

\*\*\* Duty Rating has 3 levels: medium, heavy, and severe

## Gypsum Ceiling System

Table: Structure of ceiling system

Thickness (mm)	Layers of Board	Space between Main Bars (mm)	Space between Cross Bars (mm)	Direction for Board Installation
9.5	01	1000	406	Perpendicular with the cross bar

Note: Values in above table are nominal and for indicative purposes only



# KNAUF VIETNAM



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