



# **KNAUF GYPSUM**

## **PRODUCT CATALOGUE**



## ABOUT KNAUF

Knauf's comprehensive range of quality wall and ceiling lining products and other accessories are developed with specific characteristics to enhance performance and provide fire, water, acoustic and decorative solutions to all construction projects.

Knauf's is committed to providing excellent technical service and sales support to continually improve the quality of current products and systems, and to identify innovative products, systems and solutions.

 TIS 219-2552



Heat Protection



Moisture Protection



Fire Resistant



Impact Resistant



Sound Protection



X-Ray Protection



Interior design



Air Cleaning



Eco Friendly



## GYPSUM BOARD

### STANDARDSHIELD

Knauf StandardShield is a standard gypsum board for internal wall linings and ceilings cover with an ivory paper face, suites wide range of standard applications.

Specification of Knauf StandardShield is refer to TIS 219-2552 and ASTM C1396.

- Lightweight
- Easy and quick installation

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
9	1200	2400	5.64	TE,SE
12	1200	2400	8.31	TE,SE
15	1200	2400	10.70	TE,SE



### HEATSHIELD

Knauf HeatShield is a gypsum board attached with aluminium foil back reflects thermal radiation up to 95%, suites for area directly under the roof or west facing walls.

Specification of Knauf StandardShield is refer to TIS 219-2552 ASTM C1396.

- Thermal protection
- Lightweight

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
9	1200	2400	5.64	TE,SE
12	1200	2400	8.50	TE,SE



### MOISTSHIELD

Knauf MoistShield manufactured specifically for use in area of high humidity and exposure to moisture with high density green color face paper. Core formulation and treated paper liners ensure the board's resistance to the ingress of moisture, suites for installation in kitchens and bathrooms.

Specification of Knauf StandardShield is refer to TIS 219-2552 ASTM C1396.

- Moisture resistance solution
- Protect framing members against water damage

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
9	1200	2400	6.95	TE,SE
12	1200	2400	8.50	TE,SE



### FIRESHIELD

Knauf FireShield is a gypsum board, consists of gypsum compound mixed with fiberglass and fire resistance substance in the core with high density pink color face paper that has been formulated to resist fire and performs well in systems where acoustic properties are also required.

Specification of Knauf StandardShield is refer to TIS 219-2552 ASTM C1396.

- Fire resistance solution
- Good sound insulation properties

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
13	1200	2400	11.30	TE,SE
16	1200	2400	13.10	TE,SE

## SPECIALTY PRODUCTS



## DENSESHIELD

Knauf DenseShield is a combination of high density and high strength core coupled with a purpose designed liner paper offers a significant improvement in impact performance, suitable for areas of high people traffic where the possibility of impact damage and abrasion is high.

Specification of Knauf DenseShield is refer to ASTM C1396. The impact resistance performance tested to BS5234.

- High impact resistance
- Non chemical hazardous

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
13	1200	2400	13.65	TE,SE
16	1200	2400	15.80	TE,SE



## SOUNDSHIELD

Knauf SoundShield is gypsum board with a high density core providing excellent sound insulation for residential and commercial applications. Used in wall and ceiling systems, SoundShield provides superior levels of sound resistance.

- Superior sound resistance solution
- Reduces noise transfer between rooms

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
15	1200	2400	14.80	TE,SE



## FIREBOARD

Knauf FireBoard is a fire resistance gypsum board for internal lining applications where Fire Resistance Level (FRL) is required, providing up to two hours of fire protection.

- Fire resistance solution
- Good fire insulation properties

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
15	1250	2000	12.00	RE



## SAFEBOARD

Knauf SafeBoard designed to provide X-ray radiation in X-ray diagnostic rooms within medical facilities and dental clinics.

- Fully tested by the Health Protection Agency
- Easy to use compared with traditional installation procedures
- 100% lead-free

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Edge
12.5	625	2500	17.00	RE



## CEILING TILE AND SYSTEMS



### COLORA

Painted gypsum for ceiling tile (T Bar system) used as demountable in-fill panels in suspended ceilings and requires no further finishing treatment. Colora is ideal for office, schools and shopping centers.

- Prevent fading colors
- Great light reflection performance helps saving electricity
- Durable material last for equivalent age of building
- Non chemical hazardous

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Package
9, 12	595	595, 1195	2.17, 5.99	8, 6 pcs/box
9, 12	600	600, 1200	2.05, 6.06	8, 6 pcs/box

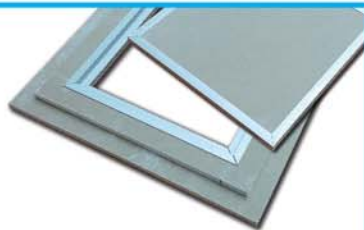


### PAPERA

Paper gypsum for ceiling tile (T Bar system) is an innovating ceiling panel finished with a paper laminate incorporating, easy to clean surfaces.

- Wipeable for stay clean
- Great light reflection performance helps saving electricity
- Durable material last for equivalent age of building

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Package
8, 12	595	595, 1195	2.17, 5.99	10, 6 pcs/box
8, 12	600	600, 1200	2.05, 6.06	10, 6 pcs/box



### K SERVICE

Prefabricated gypsum access panel for ceiling with aluminium frame, provides neat and clean appearance, suits for a wide range of standard applications to fulfill all the structural and physical requirements in buildings.

- Easy and quick installation
- User friendly
- High quality of aluminium

Thickness (mm)	Inside Dimension	Frame Dimension	Weight (kg/set)	Type
9	300x300	500x500	2.80	StandardShield
9	450x450	650x650	4.90	StandardShield
9	600x600	800x800	7.50	StandardShield
9	600x1200	800x1400	12.30	StandardShield
9	300x300	500x500	3.24	MoistShield
9	450x450	650x650	5.67	MoistShield
9	600x600	800x800	8.63	MoistShield
9	600x1200	800x1400	12.74	MoistShield



### K JOINT

Knauf jointing compound manufactured with special formula process enables a strong smooth finish on gypsum board walls and ceilings, filling screw head and repairing wear on surface painting.

- Smooth texture and surface
- Fast application
- Premium finish

Ratio (Compound:Water)	Setting Time (min)	Applicable (m <sup>2</sup> )	Weight (kg/bag)	Lifetime (month)
2 : 1	90 - 120	56	20.00	9
2 : 1	90 - 120	70	25.00	9



## Usability

- **Ceiling System:** Knauf's various types of gypsums boards from 9 mm thickness coupled with Knauf's metal profiles for ceiling systems, KC50 & KC40 with fulfill requirements for any residential or commercial internal ceiling linings.
- **Wall System:** Knauf's various types of gypsums boards from 12 - 16 mm thickness together with Knauf's metal profiles for partition systems, KW50 & KW40 with provides wall solutions that is robust yet lightweight, flexible and easy to install.



## Knauf gypsum board type

- Tapered Edge
- Square Edge
- Round Edge

## Specification

Use Knauf gypsum board Tapered Edge thickness 9mm, 16mm size 1200 x 2400 mm for wall and ceiling plasterboard system. Apply type of Knauf gypsum board according to usability of each area;

- **StandardShield** for general area
- **HeatShield** for area directly under the roof or west facing walls
- **MoistShield** for area such as bathroom or indoor swimming pool
- **FireShield** for area that requires extra protection from fire
- **DenseShield** for area that requires extra protection from fire, impact and noise
- **SoundShield** for area that requires protection from noise

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