

# **KNAUF**

## **StandardShield Standard Gypsum Board**

*For interior ceiling and wall*



**Build on us.**

# StandardShield

## General Information

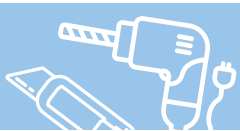
Designed and manufactured with the state of the art technology from Germany for internal walls and ceilings. Provides with

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



## Product Information

| Thickness (mm) | Width (mm) | Length (mm) | Edge                       | Appearance         |
|----------------|------------|-------------|----------------------------|--------------------|
| 9              | 1200       | 2400        | Square (SE)   Tapered (TE) | Grey on front side |
| 12             | 1200       | 2400        | Square (SE)   Tapered (TE) | Brown on back side |



### Instructions

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

## Specification

KNAUF StandardShield

Edge Option

- Square (SE)
- Tapered (TE)

Manufactured following the industrial standard

- TIS. 219-2566
- ASTM C1396

KNAUF Metal Profile

Concealed Ceiling System

- KC50 or KC40

Manufactured following the industrial standard

- TIS. 863-2532
- TIS. 50-2548

Wall System

- KW50 or KW40



## Wall System

| KNAUF C Stud / U Track (mm) | System Thickness (mm) | Board Thickness (mm) | Height* (mm) | Sound-proof Rate (dB) | Sound-proof with Insulation** (dB) | Endurance *** | System Weight (kg/m <sup>2</sup> ) |
|-----------------------------|-----------------------|----------------------|--------------|-----------------------|------------------------------------|---------------|------------------------------------|
| 50/52                       | 76                    | 12                   | 2500         | 35                    | 43                                 | Medium        | 19.30                              |
| 64/66                       | 89                    | 12                   | 3200         | 36                    | 43                                 | Medium        | 19.44                              |
| 74/76                       | 101                   | 12                   | 3600         | 36                    | 44                                 | Medium        | 19.60                              |

\* The length between each C Stud is 600 mm (centered at 400 mm when install a tile).

\*\* Use 50 mm thick Fiberglass with 11 kg/m<sup>3</sup> density as a insulation.

\*\*\* Endurance has 4 levels: light, medium, heavy, and severe (for more informations, please contact Knauf representative)

## Concealed Ceiling System

Table 1: Bolt angle installation point

| Baring Capacity (kg/m <sup>2</sup> ) | KC 50: Length between point (mm) | KC 40: Length between point (mm) |
|--------------------------------------|----------------------------------|----------------------------------|
| 20                                   | 1200                             | 1000                             |

Table 2: C Stud installation length

| Thickness (mm) | C Stud Center | Application                  |
|----------------|---------------|------------------------------|
| 12             | 600           | Regular wall                 |
|                | 400           | With additional ceramic tile |



**The Siam Gypsum Industry (Saraburi) Co., Ltd.**  
Pakin Building, 5<sup>th</sup> floor, 9 Ratchadapisek Road,  
Dindang, Bangkok 10400

☎ +66 2 555 0015

✉ [marketingknaufgypsumthailand@knauf.com](mailto:marketingknaufgypsumthailand@knauf.com)

🌐 [www.knauf.com](http://www.knauf.com)

📍 Knauf Thailand

