



## Knauf Coreboard (GB-WRTX) Type X

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# Knauf Coreboard (GB-WRTX) Type X ASTM



## Product Description

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## Fields of Application

Knauf Coreboards are used as liner boards facing the shaft of Knauf's Fire Rated Shaftwall systems

Note: Fire resistant gypsum boards are just part of a complete fire rated assembly. To achieve a certain fire rating on a Knauf drywall assembly, the complete system components have to be installed according to Knauf's installation guidelines.

## Properties

- Lightweight constructions
- Easy, Fast and dry application
- Practical and easy solutions creating simple and easy shaftwall installations
- Hydrophobic boards impregnated against absorption of moisture
- High fire protection performance
- Contains glass fiber additives to maintain the integrity of board for longer time periods than standard boards when exposed to fire
- Environment friendly
- Limitless design options

## Technical Data

### Board Dimensions:

Thickness : 25.4 mm

Width : 610 mm

Length : 2200 mm

### Board Weights (average values):

approx. 20.4 kg / m<sup>2</sup>

Density : > 819 kg / m<sup>3</sup>

### Total Water Absorption:

≤ 5%

### Storage & Packing

Store on pallets in dry environment

25.4x610x2200 mm = 42 Boards/ pallets

Knauf Coreboard

25.4x610x2200 (SE) - 419205

### Edge Detail :

Square Edge (SE) 

### Reaction to Fire:

Class 1 (A) According to ASTM E 84

- Flame spread index : 10
- Smoke development : 40

### Appearance:

Green Paper Liner

### Board Type :

ASTM 1396/1396M - Gypsum Coreboard & Type X  
ASTM E 84

## Installation

Knauf Coreboards do not require screw attachment to metal frame. They are friction fit into two adjacent Knauf CT Shaftwall Studs forming the shaftwall frame. Installation of the Knauf Coreboard should commence at one end and work across the shaftwall. Cut the first Knauf Coreboard to fit into the Knauf 'J' Channel frame. Pull out tabs in the flange of the 'J' Channel at right angles to retain the coreboard. You may require a length of timber to gently tap the stud into place, as it is designed to be tight fit. The next Knauf Coreboard is fitted into the 'CT' Stud and the process is repeated until one of the shaftwall is complete. For airtight shafts, apply Knauf sealant to the Knauf Coreboard edges prior to installation. For horizontal joints in the Knauf Coreboard install Knauf CT Stud to the top edge of the Knauf Coreboard. Next board should slide in for a perfect fit. For more details please consult shaftwall installation guide.

### Cutting

Score Knauf Coreboard with knife and break along the edge, slice rear side paper. Rework and bevel edges with rasp planer.

Please contact our sales department for inquiries about storage and packing.

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