

# ShaftLiner

*A fire-resistant structure to protect elements in confined spaces wherever access is limited to one side only.*



LEADER  
SGBP 5477

**ShaftWall provides a protective structure which can be incorporated at an early stage of construction without the need for scaffolding. It can be fully assembled from the room side of the shaft as it can be built from one side. The wall is specified as a high performance fire-rated wall between two elements where conventional construction from both sides would not be practical.**

**ShaftWall system forms a wall of minimum 94mm thick, and it can accommodate vertical, deflection, and satisfy height and pressure requirements. It provides up to 2 hours fire rating in accordance to BS 476: Part 20 & 22, and meets severe duty rating in accordance with BS 5234: Part 2.**


## CHARACTERISTICS

ShaftWall system comprises of GypFrame® CH-Stud and GypFrame® E-Stud, with channel section to perimeter and abutments. ShaftLiner is located between the studs and is secured using GypFrame® J-Runner. Provision is made for fire-stopping at the head and also over horizontal joints in the ShaftLiner. FireLine® forms the lining.

## RECOMMENDED USE

Commercial use in offices, shops, hotels, institutional, leisure, hospitals, and much more.

## PRODUCT FORMAT

Thickness	25mm
Nominal Weight	20.00kg/m <sup>2</sup>
Nominal Sheet Size	610mm x 2440mm
Edge Type	Square Edge 

## FIRE RATING

- Non-combustible in accordance to BS 476: Part 4
- Low fire propagation in accordance to BS 476: Part 6
- Class 1 surface spread of flame in accordance to BS 476: Part 7
- Classified as Class 0 material in accordance to BS 476: Part 6 & 7
- Low flame spread index <25 in accordance to ASTM E84
- Complete ShaftWall system able to provide up to 2 hours fire rating in accordance to BS 476: Part 20 & 22

## MANUFACTURING SPECIFICATIONS

- In compliance with BS EN 520

## HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation

## HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, environmentally friendly
- Green-labelled product endorsed by the Singapore Green Building Council
- Does not produce toxic fumes or hazardous substances that are harmful to health

## QUALITY ASSURANCE

- Product is manufactured in a facility certified to ISO 14001, ISO 45001, ISO 9001



# ShaftLiner

*ShaftWall offers a lightweight, fire-resistant solution designed to protect elements in confined spaces with access limited to just one side.*

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