

Gyproc® FireStop

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Gyproc® FireStop board provides good fire protection owing to the unique behavior of the non-combustible gypsum core when subjected to high temperatures. The inclusion of fiberglass and other additives in the core of Gyproc® FireStop board improves its fire protective properties when compared with standard plasterboard. It is universally used in GypWall™ partitioning systems, wall linings and ceiling systems to give increased fire protection. Made from natural gypsum, Gyproc® FireStop board is manufactured with leading edge technology to meet international standards.



PRODUCT SPECIFICATION

- Thickness 12.5 mm, 12.7 mm
13 mm, 15 mm, 15.9 mm
- Edge Type Recessed Edge (RE) 
- Nominal Size 1200x2400 mm, 1220x2440 mm
(1220x1830 mm is available for 12.5 mm and 15 mm only)
- Density 745 - 755 kg/m³
- Appearance Front  Back 



S-P-01402



PERFORMANCE

- Fire Classification as Class O in accordance with UK Building regulations requirements
- 1-hour and 2-hour fire rating (GypWall™ system) in accordance to BS 476: Part 22, and ASTM E 119. Up to 4-hour fire rated assemblies in accordance to UL/cUL/ULC
- Non-combustible in accordance to BS 476: Part 4
- Low fire propagation in accordance to BS 476: Part 6 Index I
- Class 1 surface spread of flame in accordance to BS 476: Part 7
- Smoke Developed rating of O*

*For Type C only

HANDLING AND WORKABILITY

- Crack-free
- Seamless and smooth finishing

THERMAL INSULATION

- Thermal conductivity (λ) = 0.24 W/mk
- Thermal resistance (R) = 0.05 - 0.066 m² K/W*

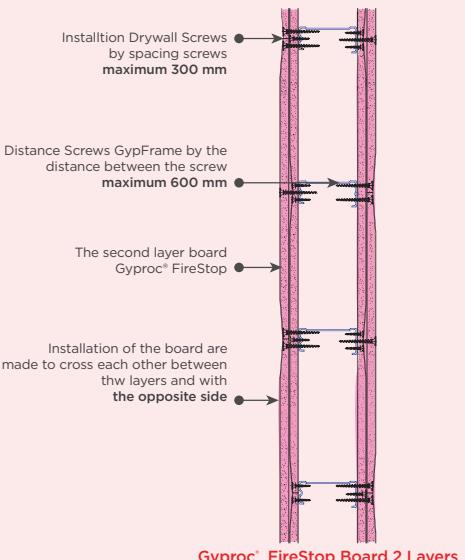
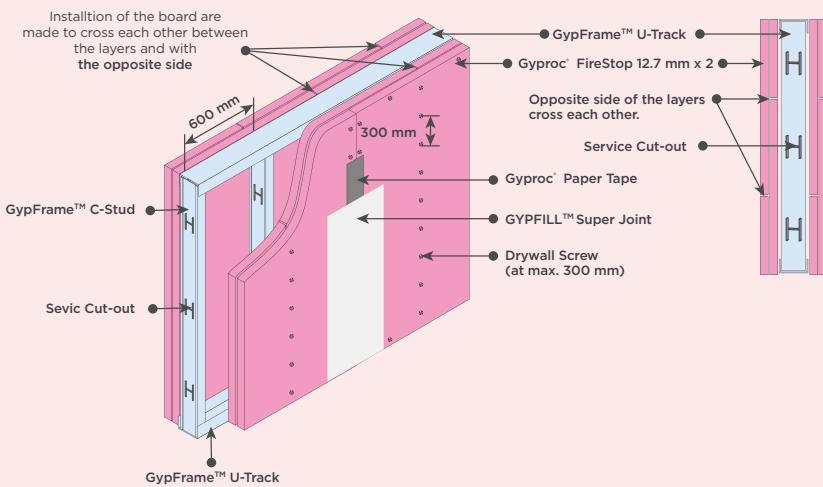
*Depend on board thickness

STANDARDS

- BS EN 520 : 2004 + A1 : 2009
- ASTM C1396
- AS/NZ 2588
- UL Type C



GypWall™ System



Example using 62 mm C-Stud and 64 mm U-Track.

Overall Width	Overall Weight	Fire rating (BS 476 Pt. 22)	Sound Insulation (R_{w})	Max. Height	Partition Duty (BS 5234 Pt. 2)
122 ± 2 mm	48 kg/m ²	2 hours	48 dB*	4.4 m	Severe

*INSUL - predicting sound insulation software



Scan the QR Code to see other systems.

INSTALLATION INSTRUCTION



Determine and mark the wall position and make the allowance for openings. Fix U-Track Channel along centre line of floor and ceiling at 60, 61 cm centres with suitable fixings.



Cut C-Stud to the length according to the required wall height. Locate the cut C-Stud into U-Track Channel at 60, 61 cm centres (insert and twist to locate). In case designed lining wall is higher than normal height of gypsum board 2.40 m, additional U-Track Channel to support an infill panel is required.



Lift gypsum board 10 mm over the floor, fix 13 mm thickness Gyproc® FireStop board to all framing members at 30 cm centres using 25 mm drywall screws. Lightly butt boards, not closer than 10 mm from edge.



Finish board joints, hide screw heads and allow to set/dry. Remove imperfections ready for further decoration.

Services

Electrical and other services are normally installed after one side is boarded. Horizontal runs are routed through cut-outs in the stud. U-Track Channel can be installed between studs to support recessed switch boxes/socket outlets.

COMPONENTS USED IN GYPWALL™ SYSTEM



Written enquiries should be addressed to:
Thai Gypsum Products Pcl.

Gypsum Metropolitan Tower
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Thanon Phayathai, Ratchathewi,
Bangkok 10400 Thailand

Technical Support
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Customer Service Centre
E-mail : csc.tgp@saint-gobain.com

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Gyproc® FireStop



GypFrame™ C Stud



GypFrame™ U Track



Expansion Bolts



Drywall Screw



Gyproc® Levelling



Gyproc® Jointing



Jointing Tape