

Gyproc® DuraLine®



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Gyproc® DuraLine® is a durable and high impact resistant gypsum board for internal drywall system as GypWall™ ROBUST. Its gypsum core is also incorporated with fiber glass and additional fire protective additives. GypWall™ ROBUST is a straight and durable impact resistant partition system that is the superior alternative to traditional brick walls. A high impact resistant internal system that is ideal for homes and high traffic commercial areas where strong and robust wall are required.

PRODUCT SPECIFICATION

- Thickness 13 mm (Thailand Plant), 16 mm & 19 mm (Malaysia Plant)
- Edge Type Recessed Edge (RE) 
- Nominal Size 1200x2400 mm, 1220x2440 mm
- Weight 11.5 kg/m²
- Appearance mustard yellow liner paper for 13 mm white liner paper for 16 and 19 mm gray liner paper on back side



S-P-01401

PERFORMANCE

- Classified as Class O material in accordance to building regulation
- Up to 1-hour and 2-hours fire rating (GypWall™ ROBUST system) in accordance to BS 476: Part 22
- 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
- Achieved SEVERE duty (GypWall ROBUST system) in accordance to BS 5234: Part 2

THERMAL INSULATION

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

HANDLING AND WORKABILITY

- Crack-free
- Seamless and smooth finishing

STANDARDS

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

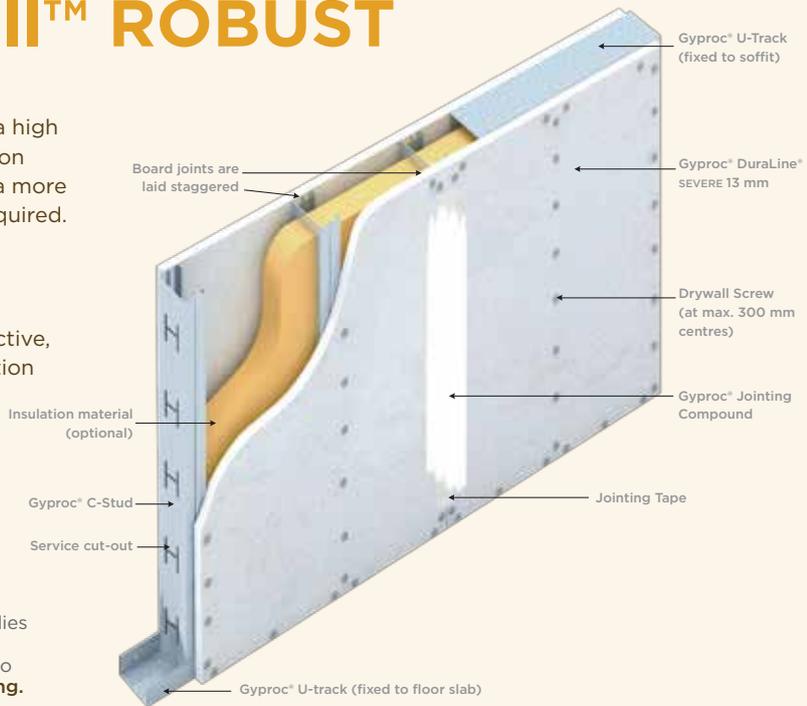


GypWall™ ROBUST

GypWall™ ROBUST is a high impact-resistant partition system for use where a more durable structure is required.

Lightweight, cost-effective, non-loadbearing partition suitable for all types of residential and commercial applications.

Partition Duty :
GypWall™ ROBUST complies with the requirements of BS5234 : Part 2 : 1992 to achieve **Severe Duty Rating**.



INSTALLTION INSTRUCTION



1 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 cm centres with suitable fixings.



2 Cut C-Stud to the length according to the required wall height. Locate the cut C-Stud into U-Track Channel at 60 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.



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



4 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™ ROBUST SYSTEM



Gyproc® DuraLine® 13 mm



C-Stud



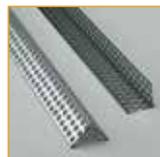
U-Track Channel



Expansion Bolt



Drywall Screw



Corner Metal Bead



Gyproc® JOINTING Plaster



Jointing Tape



Written enquiries should be addressed to:
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