

**Description:**

**Gyproc FireWall®** comprising of double layer **Gyproc FireLine® 15mm** laid staggered to opposite layer and screw-fixed at max. 300mm centres to both sides of framing system formed by **GypFrame® C-Stud** (Zincalume Steel) spaced at nominal 610mm centres and **GypFrame® Top U-Track** (Zincalume Steel), **GypFrame® Bottom U-Track** (Zincalume Steel) with horizontal **GypFrame® Noggin Track** (Zincalume Steel) ; all joints are reinforced with **Gyproc Paper Tape** and finished with **ProTop® All Purpose Ready Mixed Joint Compound** for a seamless surface.

**Area of Application:**

Suitable for internal use installing at general area that require fire protection

**Important Note:**

All gaps to be back-filled with Gyproc ProTop® Joint Compound, optionally it may be sealed with fire rated sealant.

**Table 1: Recommended Quantity of GypFrame Noggin**

	Wall Height (m)	No. of noggin
1.	0 - 4.4	0
2.	4.4 - 8.8	1
3.	8.8 and above	2

**Key Information:**

1. Gyproc <b>FireLine® 15mm</b>	5. Gyproc ProTop® All Purpose Ready-mixed Joint Compound
2. GypFrame® Top U-Track	6. GypFrame® Bottom U-Track
3. GypFrame® C-Stud , space @ nominal <b>610mm c/c</b>	7. Drywall screw, spacing: <ul style="list-style-type: none"> <li>• Board edge, maximum <b>200mm c/c</b></li> <li>• Board field, maximum <b>300mm c/c</b></li> </ul>
4. Gyproc Paper Tape	8. GypFrame® Noggin Track

Overall Thickness	Fire Rating (BS 476: Part 22)	Duty Rating
111 ~ 212mm	2Hour	Severe

Disclaimer:

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**System Configuration**

GypFrame® C-Stud / U-Track	Base Metal Thickness (BMT)	Overall Thickness (mm)	System Weight (kg/m <sup>2</sup> )	STC rating <sup>1</sup>	Max. Wall Height (mm) <sup>2</sup>
49mm / 51mm	0.50	111	51.7	52	2910
62mm / 64mm		124	52.0	53	3290
74mm / 76mm	0.55	136	52.3	54	3830
92mm / 94mm		154	52.6	55	4250
100mm / 102mm		162	52.7	55	4440
125mm / 127mm		187	53.1	55	4970
49mm / 51mm	0.75	111	52.6	51	3630
62mm / 64mm		124	52.9	52	4190
74mm / 76mm		136	53.2	53	4630
92mm / 94mm		154	53.5	53	5170
100mm / 102mm		162	53.8	53	5420
125mm / 127mm		187	54.3	53	6130
150mm / 152mm		212	55.0	53	6750

*Note : Please contact technical department for BMT more than 0.75mm*

**Bill of Material**

Components	Description	Qty / m <sup>2</sup> (Est.)*
GypFrame® C-Stud	Length = 3m ± 5mm	0.56 piece
GypFrame® U-Track	Length = 3m ± 5mm	0.23 piece
GypFrame® Noggin Track	Length = 3m ± 5mm	refer table 1
Gyproc FireLine® 15mm (RE)	Standard size = 1220mm x 2440mm	1.38 piece
Drywall Screw 25mm**	Min. 3.5mm Ø	34 piece
Drywall Screw 45mm**	Min. 3.5mm Ø	34 piece
Gyproc ProTop® All Purpose Ready Mixed Joint Compound	Weight = 28kg per bucket	0.04 bucket
Gyproc Paper Tape	Width = 50mm; Length = 150m	0.04 roll
Expansion Bolt	Min. M6	1.15 piece
Wafer Head Screw ***	Min. Gauge 10	0.55 piece

**Note:**

<sup>1</sup> Sound insulation performance based on INSUL prediction.

<sup>2</sup> Deflection limit is L/240 to a maximum of 30mm at 0.2kPa.

\*The material estimation is derived from 100sq.m wall with 3000mm height

\*\* Length must be 10mm longer than total fixed thickness

\*\*\* Use wafer head screw in the fixing of metal to metal

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