

FIRE RATED GYPSUM BOARD

GYPSUM BOARD WITH FIRE RESISTANCE

FR (Fire Rated) Board for use in areas where improved fire resistance is required .The board is stronger, harder and heavier than Standard plasterboard and has superior fire resistance in Drywall Systems. The face paper is folded around the long edges to reinfrceand protect the core, and the ends are square-cut and finished smooth. Long edges of the panels are tapered.

PRODUCT SPECIFICATIONS

|                      |                                                                                |
|----------------------|--------------------------------------------------------------------------------|
| Product              | Fire Rated Gypsum board for ceiling systems and drywall partitions             |
| Board core           | Gypsum core with fire resistant additives                                      |
| Color                | Pink paper finish                                                              |
| Typical section size | 1200mm x 2400 mm / 1200mm x 3000mm*                                            |
| Typical thickness    | 12.5 mm                                                                        |
| Edges                | Tapered Edge (TE) / Square Edge (SE)                                           |
| Board weight         | 7.90 kg                                                                        |
| Thermal resistance   | 12.5 mm=0.050 m2 k/w                                                           |
| Application          | Use it on steel-framed construction for interior wall and ceiling applications |

\*Dimensions and thickness may be supplied to project specification.  
Confirm the exactsize against the approved INTACT product schedule before use.



STANDARDS & COMPLIANCE

|                  |                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------|
| ASTMC473         | Standard test methods for physical testing of Gypsum Panel Products                                              |
| ASTMC518         | Standard test method for steady-state thermal transmission properties by means of the heat Flow Meter apparatus. |
| ASTMC1396        | Standard specification for Gypsum Board                                                                          |
| ASTMC840         | Standard specification for application and finishing of Gypsum Board                                             |
| ASTME84          | Standard test method for surface burning                                                                         |
| EN520 Type F & D | Standard for performance of gypsum plasterboards                                                                 |



HIGH STRENGTH  
& DURABILITY



CORROSION  
RESISTANT



PRECISION  
ENGINEERED



CONSISTENT QUALITY  
& PERFORMANCE

### FLEXURAL STRENGTH TO BS EN

|                                  |        |
|----------------------------------|--------|
| Longitudinal Breaking Transverse | ≥ 555N |
| Humidified Deflection            | ≥ 210N |
| Nail Pull Resistance (N)         | 3mm    |
| Nail Pull Resistance (N)         | 551    |
| HardnessCore (N)                 | 328    |
| HardnessEdge(N)                  | 336    |
| HardnessEnds(N)                  | 337    |

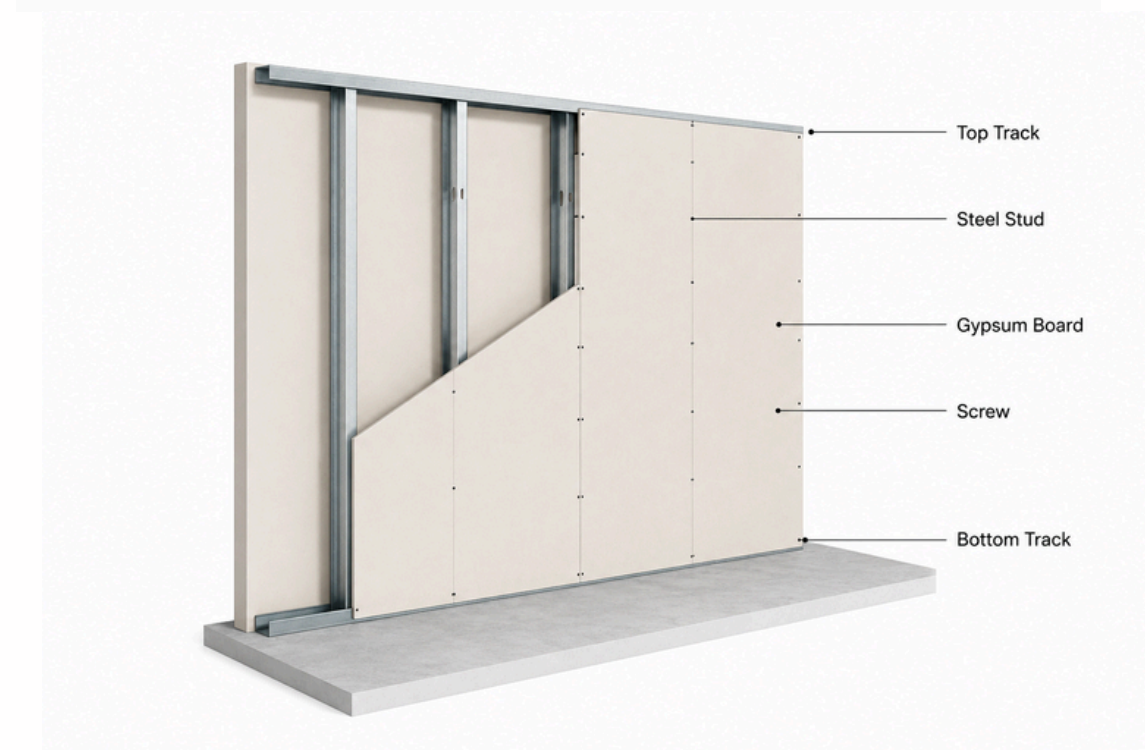
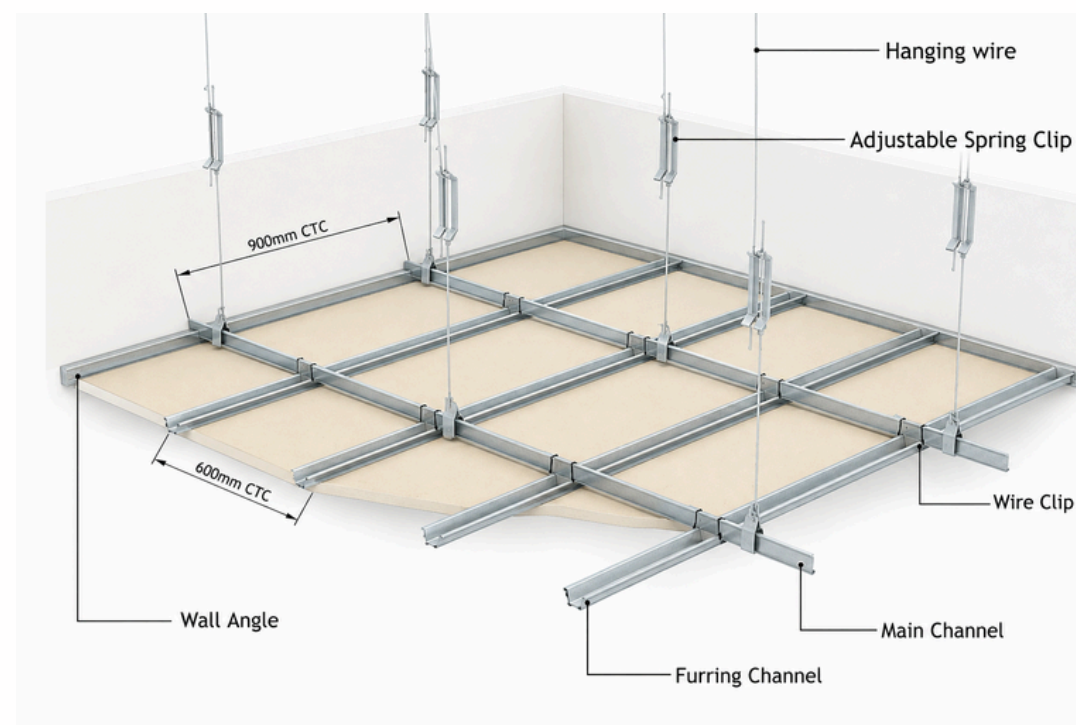
### FIRE CHARACTERISTICS

|                   |                      |
|-------------------|----------------------|
| Core Type         | Type X               |
| Combustibility    | Non-combustible Core |
| Surface Burning   | Class A              |
| Flame Spread3     | 15                   |
| Smoke Development | 0                    |

### KEY BENEFITS

- ✓ Dimensionally accurate for easy installation
- ✓ Smooth finish and versatile application
- ✓ Compatible with standard accessories
- ✓ Consistent quality and performance

### INSTALLATION



### FUNCTIONAL CHARACTERISTICS

- ✓ Suitable for all interior application, including walls and ceilings.
- ✓ Also use it as a tile backerboard in dry areas and in areas with moisture.
- ✓ Provides increased fire protection in suitable partition, wall lining and ceiling systems.
- ✓ Fire-resistant material up to two hours
- ✓ Easily scored and snapped to exact size without sawing.
- ✓ Reduces airborne noise, especially in layered systems with insulation-filled cavities.
- ✓ Exhibits relatively low expansion and contraction under normal indoor conditions
- ✓ Provides an even surface for paint, wallpaper, tiles, and decorative finishes.

### STORAGE & HANDLING

Store flat, supported and protected from standing water, excessive moisture and contamination. Keep bundles off the ground and avoid bending or twisting .

Handle with care to prevent deformation and damage to the surface. Use appropriate gloves and safe lifting practices during handling.