

## B&W FIRE PROOF PLASTERBOARDS

B&W fire resistance increased fire resistant gypsum plate custom pink fiber additives fortified with the front surface gray paper with the rear surface is produced.

### ADVANTAGES

- The long tapered edges of B&W Fire Proof Plasterboard when it is filled with B&W gypsum joint filler prevents passage of smoke during fire.
- It protects the structural members of the building due to its high fire resistance and provides emergency response corridors during fire.

### APPLICATION AREA

Partition walls, cladding walls and suspended ceilings.

### STORAGE CONDITIONS

In order that the plasterboards are not damaged, should be stored in protective areas against adverse conditions (condensation, humidity, etc.) on a clean and flat floor having no direct contact with the ground.

### PACKAGING

|              |               |                |                |
|--------------|---------------|----------------|----------------|
| Thickness    | 9.5 mm        | 12.5 mm        | 15 mm          |
| Pallet/Board | 60pcs./Pallet | 50 pcs./Pallet | 40 pcs./Pallet |

### TECHNICAL CHARACTERISTICS

|   |  |                        |                        |
|---|--|------------------------|------------------------|
| Length  | 2000 - 3600 mm                         |                        |                        |
| Width   | 1200 mm                                |                        |                        |
| Thickness   | 9.5 mm                                 | 12.5 mm                | 15 mm                  |
| Average Weight  | ≤ 7.5 kg/m <sup>2</sup>                | ≤ 10 kg/m <sup>2</sup> | ≤ 12 kg/m <sup>2</sup> |
| Flexural Strength (Perpendicular to Paper Fibers)     | ≥ 160 N                                | ≥ 210 N                | ≥ 250 N                |
| Flexural Strength (Parallel to Paper fibers)          | ≥ 400 N                                | ≥ 550 N                | ≥ 650 N                |
| Type of edge  | Tapered Edge – Square Edge             |                        |                        |
| Thermal Conductivity Value (λ)                        | 0.23 W/mK                              |                        |                        |
| Fire Class  | A2 – s1, d0 (as per TS EN 520 Annex B) |                        |                        |
| Core Strength (when exposed to fire)                  | ≥ 15 min                               |                        |                        |
| Coefficient of resistance to Water Vapor Transmission | 10                                     |                        |                        |
| Standard  | TS EN 520 + A1                         |                        |                        |