



Tender Specification

2 hour Fire Rated Ceiling :

Providing and fixing 2 hr fire rated, integrity & Insulated false ceiling constructed from 9mm thick Promatect-H boards, secured with M4 self tapping screws at approx 200mm centers. Promatect-H boards are suspended from ceiling channel section 50x27x.55mm at 610 x1220mm spacing. Perimeter of the ceiling shall be supported by 30x50x0.6mm steel angle. All joints of the fire rated boards shall be appropriately sealed (if required)with fire resistant adhesive K84 or Promaseal intumescent mastic sealant. All components shall be installed to manufacturers instructions to meet the performance criteria of stability, insulations and integrity in accordance with BS 476 : Part22: 1987 and all complete to the entire specification with the certified copy of the valid Test Certificates to be issued by M/s.Promat International Asia Pacific Ltd.

Calcium Silicate Board. : Density 900 kg/m³

Resistant to vermin, mould growth, minor impact, abrasion and short term water attack.

Off-white smooth surface suitable to receive most forms of decoration.

Material class: Non-combustible, according to DIN 4102: Part 1, BS 476: Part 4 and AS 1530: Part 1

Surface spread of flame: Class 1 to BS 476: Part 7 and AS 1530: Part 3

Building regulations classification: Class 0

Alkalinity (approx.): pH 12

Thermal conductivity (approx.) at 20°C: 0.175 W/m⁰k

Nominal Moisture content (air-dried): 5-10%

Water absorption capacity (average): 0.5 g/cm³

Expansion under water, 100% saturation (maximum): 0.5 mm/m