



Minimum -/120/- fire resistance in accordance with the requirements of BS 476: Part 22: 1987

- ❶ PROMINA® 60 board 9mm thick to each side and to bottom
- ❷ Vertical galvanised steel channel minimum 50mm x 36mm x 0.6mm thick at nominal 610mm centres
- ❸ Top galvanised steel channel minimum 50mm x 36mm x 0.9mm thick fixed to ❷ using minimum two pieces of ❺ on both sides of the flange
- ❹ Bottom galvanised steel channel minimum 50mm x 36mm x 0.9mm thick fixed to ❷ using minimum one piece of ❺ on both sides of the flange
- ❺ Minimum 25mm long M4 self-tapping screws at maximum 200mm centres
- ❻ Minimum 30mm long M6 anchor bolts at nominal 600mm centres
- ❼ All perimeter gaps caulked with PROMASEAL®-A Acrylic Sealant to achieve the required fire resistance performance
- ❽ Masonry or concrete supporting construction, with fire resistance equal to or higher than that of the smoke barrier system

NOTE: Care should be taken that the framing sections (❷, ❸ and ❹) AND the length and centres of anchor bolts (❻) are suitable for supporting the proposed height and weight of this smoke barrier system under fire conditions