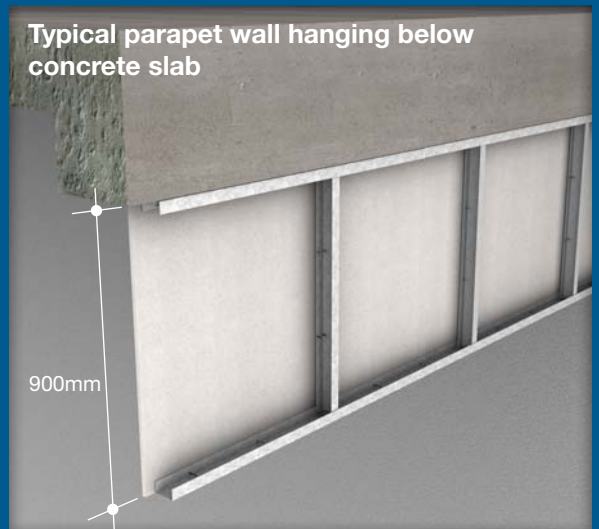


Minimum -/120/- fire resistance in accordance with the requirements of BS 476: Part 22: 1987

- ❶ PROMATECT®-H board 9mm thick
- ❷ Vertical galvanised steel channels 25mm x 50mm x 0.6mm thick at maximum 610mm centres
- ❸ Horizontal galvanised steel channels 25mm x 50mm x 0.6mm thick
- ❹ 35mm long self-tapping screws at maximum 200mm centres
- ❺ 30mm long M6 anchor bolts at maximum 500mm centres
- ❻ All perimeter gaps caulked with PROMASEAL®-A Acrylic Sealant to achieve the required fire resistance performance
- ❼ Masonry or concrete supporting construction, with fire resistance equal to or higher than that of the parapet wall system

Typical parapet wall hanging below concrete slab



The following is a standard Architectural Specification for a parapet wall system (upstand/downstand) constructed using PROMATECT®-H. The designer must determine the suitability of the design for the proposed application and regulatory requirements before undertaking or constructing any works relating to the specification and where in doubt should obtain the advice of a suitably qualified engineer. All installations must be certified by the contractor as appropriate.

Fire Attack From Either Side

120 minutes fire resistance, integrity only, in accordance with the criteria of BS 476: Part 22: 1987.

Supporting Structure

Care should be taken that any structural element to which the parapet wall system is affixed, e.g. a beam, floor or wall, has a minimum equivalent fire resistance.

Lining Boards

9mm thick PROMATECT®-H matrix engineered mineral boards as manufactured by Promat International (Asia Pacific) Ltd. All joints to be coincident with steel framing. Standard board dimensions 2440mm x 1220mm x 9mm.

Fixing

Framework system made of a perimeter of galvanised steel channel, 25mm x 50mm x 0.6mm thick, to be fastened to the floor/slab with M6 steel anchors 30mm in length at maximum 500mm centres. Vertical channels, 25mm x 50mm x 0.6mm thick, are positioned at maximum 610mm centres and are fastened to the perimeter channel, on both faces using steel self-tapping screws or steel pop-rivets.

PROMATECT®-H boards are fixed to one side of the framework using 35mm long self-tapping screws at maximum 200mm centres, a minimum of 12mm from the board edge. Board joints must coincide with the steel framework.

Tests & Standards

The complete system along with the material and framing is approved to meet the requirements of BS 476: Part 22: 1987.

Butt Jointing

Plain butt joints between machined edges of boards.⁽¹⁾

Joints filled in preparation for painting.⁽²⁾

Joints filled and taped in preparation for decoration.⁽³⁾

Follow-on Trades

Surface of boards to be prepared for painting/plastering/tiling⁽⁴⁾ in accordance with manufacturer's recommendations.

NOTE:

- ^{(1), (2), (3), (4)} delete as appropriate.
- All perimeter gaps caulked with PROMASEAL®-A Acrylic Sealant.