

METHOD OF STATEMENT



UP TO FOUR HOURS FIRE RATED PROMATECT[®]H ENCLOSURE TO GENERAL BUILDING SERVICES SYSTEM

1.0 Preliminaries

- 1.1 Shop drawings submission and approval.
- 1.2 Identify the building services need to be protected
- 1.3 Determine the number of enclosure sides need to be protected
- 1.4 Measure and determine the enclosure size

2.0 Installing steel channel collars

- 2.1 Determine the interval between steel channel collars
- 2.2 Ascertain the dimension of the collar
- 2.3 Place steel c-channel into position, cut and formed a rectangular shaped collar appropriately around the building services
- 2.4 Repeat similarly for subsequent collar

3.0 Installing steel corner angles

- 3.1 From one corner of the channel collar position the light gauge steel angle perpendicular to the channel collar
- 3.2 Secure the angle into position
- 3.3 Repeat similarly for the subsequent corner angles

4.0 Installing mineral wool infill within enclosure

- 4.1 Place mineral wool with appropriate thickness and density into the cavity between the steel framework on the enclosure
- 4.2 Where necessary trim away any excess mineral wool
- 4.3 If more than one layer of mineral wool is required for the system, place the mineral wool slabs staggered between one another
- 4.4 Ensure the cavity within channel collar is filled with mineral wool

METHOD OF STATEMENT



UP TO FOUR HOURS FIRE RATED PROMATECT[®]H ENCLOSURE TO GENERAL BUILDING SERVICES SYSTEM

- 4.5 If more than one layer mineral wool slab is used, the mineral wool slabs joints shall be staggered such that they do not coincide.

- 5.0 Installation of Promatect facing boards
 - 5.1 Place the precut Promatect boards to the exterior face of the steel framework
 - 5.2 Fix the board to the steel framework with M4 self-drilling counter sunk screws at 200mm apart
 - 5.3 Repeat similarly for subsequent boards of enclosures

- 6.0 Installing Promatect-H cover strip
 - 6.1 Place the Promatect-H 100mm x 9mm thick cover strip coincide with the butt-joints of the Promatect facing boards
 - 6.2 Secure the cover strip with M4 self-drilling counter sunk screws at 300mm intervals
 - 6.3 Repeat similarly for subsequent sides of the enclosure

- 7.0 Penetration Through The Fire Rated Enclosure
 - 7.1 When unavoidable, building services penetrating through the fire rated enclosure shall be duly sealed with appropriate Promaseal fire sealing system to ensure the integrity of the enclosure remain intact
 - 7.2 Penetration by non-combustible services with gap not more than 10mm gaps shall be sealed with Promaseal fire rated mastic or other appropriate Promaseal fire stopping systems
 - 7.3 Penetration by combustible plastic pipe shall be duly coupled with Promaseal/Promastop fire collar

- 8.0 Application of architectural finishes
 - 8.1 Apply finishes accordingly if necessary over joints