



## **TMT Methodology Statement**

### **54 Princess Street**

#### **Application of fire rated intumescent paint to be applied to steel/ metalwork and lincrusta**

For the steelwork we propose using Nullifire SC802 which is a waterbased low VOC product with the topcoat (TS816). 60 minutes can be achieved with 2nr coats providing a WFT at 0.7 g/ms. With regards to the timber beams/soffite/Lincrusta, this can achieve 60 minutes protection using Envirograph ES/VFRC clear fire protective finish in 2nr coats. System will be brush applied.

#### **Removal of Existing Suspended Ceiling and Replacement with 60-minute Fire Rated Ceiling**

Tile and grid ceilings will be removed in full and will be replaced with a new plasterboard fire rated ceilings at the same level as the existing. The new ceiling will be tape and jointed then painted in order to leave a monolithic look, apart from where access hatches are required in order to maintain services.

Where existing plasterboard ceilings are required to have a fire rated layer in order to achieve a 60 min FR, these will be replaced for a like for like by removing the existing and a new layer of plasterboard fixed to a concealed metal frame system, tape and jointed then painted in order to leave the new ceiling with the same appearance as the existing.

#### **Perimeter Bulkheads and Column Heads**

Perimeter bulkheads and column tops will not be removed as part of the strip out, they will be left in place in order to maintain the feature. When ceilings are over boarded they will butt up to the existing feature work.

#### **Proposed Replacement Doors to Riser Cupboards**

Replacement doors will be of timber construction and delivered as paint grade finish in order to be finished to the desired colour on site. They will be installed using screws fixed through the frame into the substrate to ensure no fixings are visible. The door will be set up from the floor as the previously installed and will have the same architrave detail also.

#### **Details of Fire Doors to be Fitted.**

Fire doors will be matched to the appearance of the existing and certified for compliance by the manufacturer (Manchester Joinery).

#### **Treatment to timber floorboards**

Floor sander will be used on the landings on each floor

Sander will be attached to extractors ensuring the dust creation is minimised

Hand held sanders will be utilised for each step where the floor sander cannot reach

Sander will be used in small bursts to ensure exposure limits are not exceeded exposure limits

Treatment will be Envirograf Intumescent clear paint for wood PRODUCT 42 to provide 60 mins fire protection in line with approved drawings.