

Fire Proofing

Required to maintain the fire integrity of protected areas and compliance to fire regulations

Drawing reference Fire Strategy All Floors. (Fire stopping is required to all areas identified as fire walls) Included within Appendices.

Fire Strategy Plans

6911-SRA-ZZ-B1-DR-A-29098_Basement Fire Strategy

Revision: P06

6911-SRA-ZZ-LG-DR-A-29099_Lower Ground Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-LG-DR-A-29199_Lower Ground Floor # Ground Floor Fire Fighting Access

Revision: P02

6911-SRA-ZZ-00-DR-A-29100_Ground Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-01-DR-A-29101_First Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-02-DR-A-29102_Second Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-03-DR-A-29103_Third Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-04-DR-A-29104_Fourth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-05-DR-A-29105_Fifth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-06-DR-A-29106_Sixth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-07-DR-A-29107_Seventh Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-08-DR-A-29108_Eighth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-09-DR-A-29109_Ninth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-10-DR-A-29110_Tenth Floor Fire Strategy

Revision: P06

6911-SRA-ZZ-11-DR-A-29111_Eleventh Floor Fire Strategy

Revision: P05

6911-SRA-ZZ-XX-DR-A-29200_North Elevation Fire Strategy

Revision: P02

Firestopping will be completed by competent FIRAS Engineers with the appropriate knowledge and training to complete the works. The project culture relating to historical significance of the Pall Mall building will be maintained and a sympathetic approach will be adopted by the Engineers completing the work.

Service Penetrations will be filled with proprietary fire stopping material by Rockwool

Specification reference below. Full details included within appendices



50mm-ablative-coated-batt.pdf



firepro-acoustic-intumescent-sealant.pdf



firestop-high-expansion-intumescent-sealant.pdf

Methodology for Installation

Drawing Sketch References (Included within Appendices)



rockwool 2.pdf



rockwool1.pdf

- All works are to be installed as specified within the manufacturer's literature.
- All materials are to be Rockwool unless explicitly stated by Dragonfly fire stopping supervisor.
- All seals are to be identified by the installation of a Dragonfly fire barrier sticker completed upon installation by the operative.
- All works are to be uploaded onto the Bolster system by the installation operative during the works.
- Work at height is to be completed on mobile scaffold towers unless this can be identified as short duration works which can be completed under a ladder permit issued by the DF site manager.

New fire batts are to be cut to the necessary size using an insulation knife or hand saw. Where required penetrations are to be measured and cut using the same methodology and by cutting the fire batt in half around the installed services. All edges are to be sealed with Rockwool intumescent mastic and then the fire batt fixed in line with the standard details from the Rockwool Red book. All service penetrations are to be noted and checked in line with mastic application requirements.

The works will be completed progressively as services are installed.

Exposed visible fire stopping will be completed to an aesthetically pleasing finish.

Sample of completed Fire Stopping. We have reviewed the options for a board with a smooth finish, unfortunately there is no product available.



Care will be taken to avoid contamination of existing heritage finishes. Suitable and robust protection will be provided. Sample Image below.

All fire stopped penetrations will be clearly labelled. A photographic and documented record will be maintained for future reference. The labels will be placed discretely adj the penetration

Sample Label, 75mm 30mm



Intumescent coatings will be applied to steelwork using a brushless spray, A Nullifire S804 basecoat will be applied to primed steelwork To the required thickness.

An Aesthetically pleasing top coat will be applied with brushless spray using a Nullifire † TS2134 Product. This will maintain an aesthetically pleasing finish that satisfies the F60 fire rating requirement of the steelwork.

Specification included within the appendices



Nullifire Top Coat.pdf



Nullifire Base.pdf

All areas adjacent the spraying operation will be masked and protected to avoid overspray to heritage and completed finishes.

Sample of Protection

