



Atelier MB
Urban Architects



Science and Industry Museum Manchester

Project Ref: 2002

Compartmentation Methodologies

Station Building

Date: March 2023

Issue –

To be read in conjunction with:
Neo Fire Compartmentation Survey Report

Relates to:
Station Building

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Building	Station Building
Methodology Ref:	COMP_MET_001
Instances	1
Location	Ground Floor
Neo Pin Reference	0024:38
Breach Type	Fire Stopping at joints with ducts and at heads of walls
Rating	30 Minutes and 60 minutes
Substrate	Drywall
Description	Rockwool Firepro Acoustic Intumescent sealant with RWA-45 backing where packing is required
NBS references	
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-AIS-0001
Notes	Linear seals to timber beam in WG02 and WG04, seal plasterboard to arches in WG05A. Linear seal to duct in Lower Ground Floor 1830 Warehouse



Building	Station Building
Methodology Ref:	COMP_MET_023
Instances	6
Locations	SBG04, SBLG06,
Neo Pin Reference	0023:38, 0028:38, 0034:38, 0070:38, 0071:38, 0072:38
Breach Type	Seals around cables, cable trays, conduit, pipes, trunking and holes
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides
NBS references	P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW
Notes	Prepare to suit to location



Building	Station Building
Methodology Ref:	COMP_MET_504
Instances	1
Locations	Ground Floor, SBG09
Neo Pin Reference	0031:38
Breach Type	Old service cupboards with redundant services 2 No.
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Carefully remove redundant services. Apply Fireline plasterboard with lime plaster dabs to inside of cupboard, 2 layers. Decorate to match existing.
NBS references	K10/205
AtelierMB Drawings	
Other information referenced	
Notes	See Neo comments



Building	Station Building
Methodology Ref:	COMP_MET_521
Instances	1
Locations	Lower Ground
Neo Pin Reference	0122:38
Breach Type	Seals around cables, cable trays, conduit, pipes, trunking and holes
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block
Description	Clean paint from brickwork, repoint, standard fire stopping detail. Locally clean off loose and friable non breathable paint finish to brickwork surface using a poultice. Carry out trials to determine shortest period of time in which the poultice needs to remain in place. Take mortar samples and agree matching mortar mix via samples with the CA. Localised repointing as required with matching mortar. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides
NBS references	P12/385 P12/386 P12/390 Repairs Specification Sections C40, C41 and Z21
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW
Notes	



Building	Station Building
Methodology Ref:	COMP_MET_528
Instances	1
Locations	Lower Ground floor
Neo Pin Reference	0003:10
Breach Type	No separation, door not present
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Install new 60min fire rated door to match elsewhere
NBS references	
AtelierMB Drawings	See Station Building Door Schedule
Other information referenced	
Notes	



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