



Atelier MB
Urban Architects



Science and Industry Museum Manchester

Project Ref: 2002

Compartmentation Methodologies

New Warehouse

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

New Warehouse

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Building	New Warehouse
Methodology Ref:	COMP_MET_001
Instances	15
Locations	Basement, First Floor Neo PIN 0100:38
Breach Type	Trunking.
Rating	30 and, 60 minutes
Substrate	Drywall
Description	Two layers ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides RWA45 tightly packed inside trunking where indicated in Neo comments
NBS references	P12/360 P12/385 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-AIS-0104
Notes	See Neo comments for each PIN.



Building	New Warehouse
Methodology Ref:	COMP_MET_002
Instances	22
Locations	See Neo PINs, 0080:38
Breach Type	Fire Stopping at joints with beams, heads of walls, gaps in boards and ends of walls
Rating	30 Minutes and 60 minutes
Substrate	Drywall
Description	Carefully remove non-compliant seal. Install new fire rated sealant. Rockwool Firepro Acoustic Intumescent sealant with RWA-45 backing where packing is required
NBS references	P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-AIS-0001
Notes	Restricted access and work in confined spaces in some areas. Remove old insulation.



Building	New Warehouse
Methodology Ref:	COMP_MET_004
Instances	8
Locations	Ground Floor, Stairwell, First Floor
Breach Type	Plastic pipes.
Rating	30 and 60 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® Pipe Collar CE screw fixed to wall. • 10mm annular max. • ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around pipe.
NBS references	P12/377 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-COL-0001
Notes	Remove existing collars where applicable.



Building	New Warehouse
Methodology Ref:	COMP_MET_005
Instances	1
Locations	First Floor
Breach Type	Plastic pipes.
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	2 layers ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides. ROCKWOOL FIREPRO® Pipe Collar CE both sides.
NBS references	P12/377 P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-COL-0002
Notes	X2 lagged pipes and one plastic pipe in hole. Remove existing firestop and install to specs.



Building	New Warehouse
Methodology Ref:	COMP_MET_006
Instances	3
Locations	Ground Floor, Corridor
Breach Type	Plastic pipes.
Rating	30 Minutes
Substrate	Ceiling
Description	ROCKWOOL FIREPRO® Pipe Collar CE to underside screw fixed to substrate. ROCKWOOL fire stop compounds to gaps greater than 10mm or ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around pipes
NBS references	P12/340 P12/377 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-COL-0501
Notes	Plastic pipe through plasterboard ceilings



Building	New Warehouse
Methodology Ref:	COMP_MET_007
Instances	2
Locations	First Floor
Breach Type	Plastic conduits.
Rating	30 Minutes
Substrate	Drywall
Description	ROCKWOOL RWA45 tight wrapped around conduits, to extend min. 75mm from wall both sides. • min. 13 deep ROCKWOOL FIREPRO® Acoustic Intumescent Sealant within sleeve. • ROCKWOOL FIREPRO® High Expansion Intumescent Sealant both side around penetration.
NBS references	P12/385 P12/395
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-HE-0110
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_008
Instances	1
Locations	Ground Floor
Breach Type	Cables and plastic conduits.
Rating	30 Minutes
Substrate	Drywall
Description	ROCKWOOL RWA45 tight wrapped around conduits, to extend min. 75mm from wall both sides. • min. 13 deep ROCKWOOL FIREPRO® Acoustic Intumescent Sealant within sleeve. • ROCKWOOL FIREPRO® High Expansion Intumescent Sealant both side around penetration. ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides
NBS references	P12/385 P12/395 P12/145 P12/360 P12/375 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-HE-0110 and SD-113-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_009
Instances	1
Locations	Ground Floor
Breach Type	Plastic conduits.
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® High Expansion Intumescent Sealant • 20mm annular • Min. 12.5mm depth • RWA45 backing material
NBS references	P12/395
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-HE-0111
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_010
Instances	1
Locations	Ground Floor
Breach Type	Plastic pipe and void.
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Insulated fire sleeve in single fire batt ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter of batt and perimeter of aperture. ROCKWOOL insulated fire sleeve, 150 long.
NBS references	P12/360 P12/370 P12/375 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-IFS-0001
Notes	Plastic pipe in hole. Use endless collar as pipe is at angle. Mulcol



Building	New Warehouse
Methodology Ref:	COMP_MET_011
Instances	1
Locations	Ground Floor
Breach Type	Plastic pipe X6.
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® Intumescent Firewrap CE 40mm width each end of aperture. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter of aperture.
NBS references	P12/377 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-PW-0001
Notes	X6 plastic pipes through blockwork. Chip around so wrap can be installed.



Building	New Warehouse
Methodology Ref:	COMP_MET_012
Instances	43
Locations	See Neo PINs
Breach Type	Firestopping around ducts, cable trays, head of wall, voids
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides
NBS references	P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-112-RDW
Notes	See Neo comments for individual locations.



Building	New Warehouse
Methodology Ref:	COMP_MET_013
Instances	43
Locations	First Floor
Breach Type	head of wall
Rating	30 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides 2 layers ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations, both sides on one thickness of batt.
NBS references	P12/360 P12/376 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-112-RDW and SD-145-RDW
Notes	Head of wall. Remove existing fire batt. Single side install.



Building	New Warehouse
Methodology Ref:	COMP_MET_014
Instances	31
Locations	See Neo PINs Ground floor, Kitchen office, First floor
Breach Type	Fire Stopping around ducting, cable trays, gaps at beams, multiple services
Rating	60 and 120 Minutes
Substrate	Drywall
Description	ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides
NBS references	P12/145 P12/360 P12/375 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-113-RDW
Notes	See Neo comments for individual locations. Remove existing fire stopping where present. Difficult access in some locations



Building	New Warehouse
Methodology Ref:	COMP_MET_015
Instances	1
Locations	First floor
Breach Type	Fire Stopping at hole with duct and trunking.
Rating	30 Minutes
Substrate	Drywall
Description	ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides where access only possible from one side. ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides where access is possible from both sides.
NBS references	P12/145 P12/360 P12/375 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-113-RDW and SD-112-RDW
Notes	Trunking. 250mmx100mm Ducting. 1000mmx500m Hole in wall. Remove plasterboard and install correctly or face fix batt. 800mmx400mm



Building	New Warehouse
Methodology Ref:	COMP_MET_016
Instances	5
Locations	Second Floor
Breach Type	Fire Stopping at pipes, conduit, cable trays, cable and circular ducts
Rating	30 and 60 Minutes
Substrate	Drywall
Description	ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides where access only possible from one side. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides
NBS references	P12/145 P12/360 P12/375 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-113-RDW and SD-128-RDW
Notes	Face fixing required.



Building	New Warehouse
Methodology Ref:	COMP_MET_018
Instances	1
Locations	First floor plant room
Breach Type	Fire Stopping at pipes, conduit, cable trays, cable and circular ducts
Rating	120 Minutes
Substrate	Drywall
Description	ROCKWOOL Ablative coated batt, 50mm thick, face fixed with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations, both sides where access only possible from one side. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides. 2 layers ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations, both sides on one thickness of batt.
NBS references	P12/145 P12/360 P12/375 P12/376 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-113-RDW, SD-145-RDW and SD-128-RDW
Notes	X2 ducts 1600mmx500mm. Trunking 150mmx200mm. X1 lagged plastic pipes. Pattress with wrap. Hole in wall. SD-145-RDW



Building	New Warehouse
Methodology Ref:	COMP_MET_020
Instances	3
Locations	Basement and corridor.
Breach Type	Horizontal firestopping at holes with cables and pipes.
Rating	30 and 60 Minutes
Substrate	Concrete / Brick / Block
Description	2 layers ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides. 500mm ROCKWOOL fire tube each side of insulated non combustible pipes
NBS references	P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-123-RDW
Notes	Cut back lagging to pipes.



Building	New Warehouse
Methodology Ref:	COMP_MET_021
Instances	1
Locations	Basement Corridor
Breach Type	Fire stopping at head of wall
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	1 layer ROCKWOOL Ablative coated batt, 60mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides. Install vertically.
NBS references	P12/362 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-125-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_022
Instances	7
Locations	Basement, Ground and Second Floor Neo PINs 0274:38, 0107:38, 2952:38, 0150:38, 0444:38, 0449:38
Breach Type	Fire stopping at head of wall
Rating	60 and 120 Minutes
Substrate	Concrete / Brick / Block
Description	1 layer ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides. Install vertically.
NBS references	P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-126-RDW
Notes	Head of wall at Second floor: Wall needs lining out with plasterboard for fire batt to sit in as currently just head track. Seal from both sides



Building	New Warehouse
Methodology Ref:	COMP_MET_023
Instances	216
Locations	Various throughout. See Neo PIN 0011:38
Breach Type	Seals around cables, cable trays, conduit, pipes, trunking and holes
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides. Push batt into gap between truss and soffit.
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	New Warehouse
Methodology Ref:	COMP_MET_024
Instances	1
Locations	First floor electrical switch room
Breach Type	Seals around cables, cable trays, head of wall, steel beams
Rating	30, Minutes
Substrate	Drywall
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides.
NBS references	P12/360 P12/386 P12/390 P12/376
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and RWSD-AIS-0001
Notes	Head of wall. 6000mmx25mm Cable trays and trunking.x3 500x200. Steel beams need sealing



Building	New Warehouse
Methodology Ref:	COMP_MET_028
Instances	1
Locations	Ground floor
Breach Type	Seals around conduits
Rating	30, Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides.
NBS references	P12/362 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and SD-125-RDW
Notes	X3 conduits



Building	New Warehouse
Methodology Ref:	COMP_MET_029
Instances	1
Locations	Second floor
Breach Type	Fire stopping around conduits, cable trays and plastic pipe
Rating	30, Minutes
Substrate	Drywall
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides. ROCKWOOL Ablative coated batt, 50mm thick, face fixed both sides of partition with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations. ROCKWOOL wrap to pipes, 40mm wide to both sides. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides.
NBS references	P12/372 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and SD-188-RDW
Notes	Plastic pipe and cable tray. Needs face fixing and pipe wrap. 400x150mm. X2 conduits. 30x30mm. Cable tray needs mastic seal. 150x50mm



Building	New Warehouse
Methodology Ref:	COMP_MET_030
Instances	1
Locations	Second floor
Breach Type	Fire stopping around multiple services, pipes, cable trays and insulated metal pipe
Rating	30, Minutes
Substrate	Drywall
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides. ROCKWOOL Ablative coated batt, 50mm thick, face fixed both sides of partition with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter and around services penetrations. ROCKWOOL wrap, 2 layers to pipes, 40mm wide to both sides. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing, both sides.
NBS references	P12/372 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and SD-190-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_031
Instances	1
Locations	Second floor
Breach Type	Fire stopping around pipes and timber joists
Rating	30 and 120 Minutes
Substrate	Drywall
Description	ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides. 2 layers ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides both sides. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant with rod backing to gaps.
NBS references	P12/385 P12/386 P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and SD-310-RW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_033
Instances	1
Locations	Ground floor Neo Pin 0190:38
Breach Type	Fire stopping at head of wall
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Remove existing firestopping. Insert ROCKWOOL Linear firestops 2A and 2B inserted into to gaps under metal floor decking at head of wall.
NBS references	P12/363
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-134-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_034
Instances	1
Locations	Basement LG05
Breach Type	Firestopping to insulated metal pipes
Rating	30 and 60 Minutes
Substrate	Concrete / Brick / Block
Description	2 layers ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations, both sides of batt. ROCKWOOL H&V pipe section, 40mm thick, 1000mm long around pipes secured with jubilee clips.
NBS references	P12/360 P12/376 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-141-RDW
Notes	Chilled pipes. Lagging passes through wall. Chip out block so wrap can be installed



Building	New Warehouse
Methodology Ref:	COMP_MET_035
Instances	16
Locations	Basement corridor and Ground Floor, Lift motor room
Breach Type	Firestopping at under floors and holes in blockwork, cable trays
Rating	30 and 60 Minutes
Substrate	Concrete / Brick / Block
Description	2 layers ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations, both sides on one thickness of batt.
NBS references	P12/360 P12/376 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-145-RDW
Notes	See Neo comments for each instance.



Building	New Warehouse
Methodology Ref:	COMP_MET_036
Instances	2
Locations	Basement corridor, Ground floor Neo PINS 0041:38, 0241:38
Breach Type	Firestopping at plastic pipe
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® High Expansion Intumescent Sealant around pipes, both sides.
NBS references	P12/395
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-170-RDW
Notes	See Neo comments for each instance.



Building	New Warehouse
Methodology Ref:	COMP_MET_037
Instances	2
Locations	Basement, Ground floor Neo PINS 0174:38, 0235:38
Breach Type	Firestopping at plastic pipe in ceilings
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® High Expansion Intumescent Sealant around pipes, both sides with ROCKWOOL backing material.
NBS references	P12/385 P12/395
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-172-RDW
Notes	See Neo comments for each instance.



Building	New Warehouse
Methodology Ref:	COMP_MET_038
Instances	2
Locations	Basement Neo PINs 0444:38, 0120:38
Breach Type	Firestopping at holes with multiple cables
Rating	30 and 60 Minutes
Substrate	Concrete / Brick / Block
Description	Fill between cables and aperture with ROCKWOOL back material and apply ROCKWOOL FIREPRO® High Expansion Intumescent Sealant on one side.
NBS references	P12/365 P12/395
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-174-RDW
Notes	See Neo comments for each instance.



Building	New Warehouse
Methodology Ref:	COMP_MET_039
Instances	1
Locations	First floor Neo PINS 0321:38
Breach Type	Firestopping at plastic pipe in ceilings
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	ROCKWOOL FIREPRO® ablative batts face fixed each side of wall. ROCKWOOL Pipe wrap roll to pipes, see Rockwool standard detail for number of layers, ROCKWOOL FIREPRO acoustic intumescent sealant to perimeter of batts and perimeter of pipes.
NBS references	P12/360 P12/372 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-188-RDW
Notes	See Neo comments for each instance.



Building	New Warehouse
Methodology Ref:	COMP_MET_040
Instances	1
Locations	Lower Ground Floor 1380 Warehouse, W ARCH LG5B
Breach Type	Firestopping seals around conduits
Rating	30 and 60 Minutes
Substrate	Drywall
Description	ROCKWOOL Ablative coated batt, 50mm thick face fixed both sides of partition. 2No. Pipe wrap rolls as per Rockwool guide, ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter of batts and penetrations, both sides.
NBS references	P12/360 P12/372 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-190-RDW
Notes	Electrical socket to the relocated. Pipes in holes in plasterboard. Plastic conduit. Will need face fixing both sides of wall.



Building	New Warehouse
Methodology Ref:	COMP_MET_553
Instances	1
Locations	Second Floor Pin A1GW224
Breach Type	New fire rated partition with door.
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Install new fire rated metal stud partition incorporating new door and adjacent glazed screen. <i>Allow for tying into existing timber valley beam for stability – in accordance with S.E. proposals. Allow for localised breaking out the existing partition on either side to ensure continuity of fire stopping, and installing additional load bearing studs to take weight of new partition.</i> <i>Allow for localised break out of existing ramped floor to install fire stopping as required.</i> Plaster skim and paint finish to partition above <i>and around</i> door.
NBS references	K10, L20, P21
AtelierMB Drawings	P(108)
Other information referenced	
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_506
Instances	2
Locations	Ground floor Neo PINs 0173:38, 0174:38
Breach Type	Seals around pipes
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Brickwork cleaning prior to installing standard fire stopping. Carefully remove existing mortar around cable or pipe and over the face of the masonry, using only hand tools. NB if this cannot be achieved without damaging the face of the brickwork, then the cement mortar must remain. Take mortar samples for analysis to determine matching mix for reinstatement. Agree matching mortar mix via samples to be agreed with the CA. Install matching replacement bricks (handmade) to leave the smallest opening necessary to feed the cables/pipes. Bed and point with lime based mortar composition to match existing. 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	



Building	New Warehouse
Methodology Ref:	COMP_MET_520
Instances	3
Locations	Second Floor Neo PIN 0445:38, 0449:38, 0422:38
Breach Type	Fire stop at head of wall and duct
Rating	60 and 120 Minutes
Substrate	Concrete / Brick / Block
Description	Install standard rockwool detail to face of timber. Ensure the timber is not damaged or abraded in anyway during the works. 1 layer ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides. Install vertically.
NBS references	P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-126-RDW
Notes	.



Building	New Warehouse
Methodology Ref:	COMP_MET_532
Instances	3
Locations	Basement corridor Neo Pin 0114:38, 0115:38, 0125:38, 038:38
Breach Type	Fire stopping at head of wall
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Install new fire rated partition and false ceiling to form 30 minute fire rated enclosure for storage. <i>Allow for breaking out existing stud partitions and installing supplementary load bearing studs in accordance with the S.E. proposals. Making good all fabric afterwards.</i> Include new FD30 doorset with fire sign. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter of new partition and new ceiling. Decorate new partition and timber.
NBS references	P12/385 P12/390
AtelierMB Drawings	Plans, Sections, Elevations and Details for each instance. Drawings number 100.
Other information referenced	Rockwool standard firestopping detail SD-137-RDW . Structural engineer's advice for studs and fixings to existing walls and ceilings.
Notes	Form new enclosure.



Building	New Warehouse
Methodology Ref:	COMP_MET_532
Instances	4
Locations	Basement corridor Neo Pin 0114:38, 0115:38, 0118:38, 0125:38
Breach Type	Fire stopping at head of wall
Rating	30 Minutes
Substrate	Concrete / Brick / Block
Description	Install new fire rated partition and false ceiling to form 30 minute fire rated enclosure for storage. Include new FD30 doorset with fire sign. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter of new partition and new ceiling. Decorate new partition and timber.
NBS references	P12/385 P12/390
AtelierMB Drawings	Plans, Sections, Elevations and Details for each instance. Drawings numbers TBC
Other information referenced	Rockwool standard firestopping detail SD-137-RDW . Structural engineer's advice for studs and fixings to existing walls and ceilings.
Notes	Form new enclosure.



Building	New Warehouse
Methodology Ref:	COMP_MET_535
Instances	1
Locations	Basement, Plant room Neo PINs 0019:38, 0116:38
Breach Type	Cable trays
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Temporarily remove Cable trays, remove existing plasterboard, reline with Fireline plasterboard, 2 layers, with cable trays reinstated, seal around cable trays 2 layers ROCKWOOL Ablative coated batt, 50mm thick, with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations, both sides on one thickness of batt.
NBS references	P12/360 P12/376 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-145-RDW
Notes	Remove existing fire batt. Cannot access both sides.



Building	New Warehouse
Methodology Ref:	COMP_MET_534
Instances	1
Locations	Basement, Lift motor room. Neo PIN 0117:38
Breach Type	Seals around pipes
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	Remove existing mastic. Carefully remove existing mastic from brickwork. Removal by hand tools and or poultice only. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation or PE rod backing, both sides
NBS references	
AtelierMB Drawings	P12/385 P12/386 P12/390
Other information referenced	Rockwool standard firestopping detail SD-128-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_536
Instances	6
Locations	Ground Floor, First Floor Neo PINs 0182:38, 0222:38, 0315:38, 0336:38, 0342:38, 0080:38
Breach Type	Fire Stopping at joints with iron beams and 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 to top of wall where plasterboard meets brick soffit and supporting beams. Ensure the brick and iron is not damaged or abraded in anyway during the works. Clean off any residue before hardening.
NBS references	P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-AIS-0001
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_537
Instances	1
Locations	Basement Neo PIN 0235:38
Breach Type	Firestopping around plastic conduit in ceiling
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Cable rationalisation, brickwork reinstatement, standard fire stopping detail. Rationalise cabling arrangement to reduce the overall size of the penetration through the brickwork. Take mortar samples and agree matching mortar mix via samples with the CA. Agree mortar mix with CA via samples prepared on site. Install matching replacement bricks (handmade) and bed and point with lime based mortar composition to match existing. ROCKWOOL FIREPRO High expansion intumescent sealant, 25mm deep, 20mm annular around pipe both sides with ROCKWOOL backing material, 100 deep.
NBS references	P12/385 P12/395 Repairs Specification Sections C40, C41 and Z21
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-172-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_538
Instances	1
Locations	Basement and corridor. Neo PIN 0236:38
Breach Type	Horizontal firestopping at holes with lagged pipes.
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Pull back lagging. Take mortar samples and agree matching mortar mix via samples with the CA. Point brickwork around penetration with lime based mortar composition to match existing. 2 layers ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides and around services penetrations, both sides. 500mm ROCKWOOL fire tube each side of insulated non-combustible pipes.
NBS references	P12/360 P12/390 Repairs Specification Sections C40, C41 and Z21
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-123-RDW
Notes	Cut back lagging to pipes.



Building	New Warehouse
Methodology Ref:	COMP_MET_539
Instances	1
Locations	First Floor. Neo PIN 0327:38
Breach Type	Seals around cables
Rating	30, 60 and 120 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	Brickwork cleaning and reinstatement, following by standard fire stopping detail. Carefully remove existing mortar around cable/pipe over the face of the masonry, using only hand tools. This is to form enough space to install the standard fire stopping detail. Care must be taken not to damage the surrounding brickwork. Take mortar samples for analysis to determine matching mix for reinstatement. Agree matching mortar mix via samples to be agreed with the CA. Install matching replacement bricks (handmade) to leave the smallest opening necessary to feed the cables/pipes. Bed and point with lime based mortar composition to match existing. 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	New Warehouse
Methodology Ref:	COMP_MET_540
Instances	3
Locations	Ground Floor, First Floor. Neo PIN 0329:38, 0156:38, 0185:38
Breach Type	Non-compliant access hatch
Rating	30 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	Carefully remove existing access hatch without damaging surrounding brickwork. Take mortar samples for analysis to determine matching mix for reinstatement. Agree matching mortar mix via samples to be agreed with the CA. Any loose brickwork is to be re-bedded and the perimeter repointed as necessary. Install new 30 minute fire rated access panel – all fixings to be into mortar joints. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter 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	New Warehouse
Methodology Ref:	COMP_MET_541
Instances	4
Locations	First Floor, Second Floor Neo PINs 0364:38, 0413:38, 0447:38, 0446:38
Breach Type	Fire Stopping at joints with iron beams and heads of walls
Rating	30 Minutes and 60 minutes
Substrate	Drywall
Description	Install standard rockwool detail to face of timber. Ensure the timber is not damaged or abraded in anyway during the works. Rockwool Firepro Acoustic Intumescent sealant with RWA-45 backing where packing is required to top of wall where plasterboard meets brick soffit and supporting beams. Ensure the brick and iron is not damaged or abraded in anyway during the works. Clean off any residue before hardening.
NBS references	P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail RWSD-AIS-0001
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_542
Instances	3
Locations	First Floor. Neo PIN 0329:38
Breach Type	Fire stopping at steel beams and top of wall.
Rating	30 Minutes
Substrate	Concrete / Brick / Block and Drywall
Description	Carefully remove existing access hatch without damaging surrounding brickwork. Take mortar samples for analysis to determine matching mix for reinstatement. Agree matching mortar mix via samples to be agreed with the CA. Any loose brickwork is to be re-bedded and the perimeter repointed as necessary. Install new 30 minute fire rated access panel – all fixings to be into mortar joints. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter with Rockwool RWA insulation or PE rod 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	New Warehouse
Methodology Ref:	COMP_MET_544
Instances	1
Locations	Second floor Neo PIN 0410:38
Breach Type	Fire stopping around pipes, cable tray, trunking and timber beam
Rating	30 Minutes
Substrate	Drywall
Description	Install standard rockwool detail to face of timber. Ensure the timber is not damaged or abraded in anyway during the works. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant around services penetrations with Rockwool RWA insulation backing or backing rod. One or both sides. 2 layers ROCKWOOL FIREPRO® Ablative batt, 50mm thick with ROCKWOOL FIREPRO® Acoustic Intumescent Sealant to perimeter, both sides both sides. ROCKWOOL FIREPRO® Acoustic Intumescent Sealant with rod backing to gaps.
NBS references	P12/385 P12/386 P12/360 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW and SD-310-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_545
Instances	1
Locations	Ground Floor Neo PIN 0189:38
Breach Type	Firestopping at under floors and holes in blockwork, cable trays
Rating	60 Minutes
Substrate	Concrete / Brick / Block
Description	Removal of redundant pipes, and brickwork reinstatement to fill hole Carefully cut back redundant pipes to the other side of the wall to allow pointing from each side. Carefully remove by hand any damaged or loose brick pieces. Take mortar samples for analysis to determine matching mix for reinstatement. Agree matching mortar mix via samples to be agreed with the CA. Install matching replacement bricks (handmade) and bed and point with lime based mortar composition to match existing
NBS references	Repairs Specification Sections C40, C41 and Z21
AtelierMB Drawings	
Other information referenced	
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_050
Instances	7
Locations	Basement GW LG 09, GW_G06 Neo PIN 0121:38, 0186:38, 0375:38, 0382:38, 0401:38, 0403:38, 0299:38
Breach Type	Non compliant ceiling or partitions
Rating	30 and 60 Minutes
Substrate	Drywall
Description	Install further layer 12.5mm plasterboard under existing ceiling or over existing wall lining or framing. Apply skim coat plaster finish. Decorate to match existing.
NBS references	
AtelierMB Drawings	
Other information referenced	
Notes	Take down and reinstall light fittings. Take down and reinstall racking, security camera. Safe positioned in room. (0121:38 only) Difficult access (0375:38)cs, 0299:38



Building	New Warehouse
Methodology Ref:	COMP_MET_550
Instances	1
Locations	First Floor Neo PIN 0363:38
Breach Type	Stone repair
Rating	30 Minutes
Substrate	Stone/brick
Description	Indent repair to stone lintel, and pointing to reinstate fire rating to wall. Carefully remove cable cover. Take mortar samples and agree matching mortar mix via samples with the CA. Provide matching stone sample for sign off by CA/CO. Carry out stone indent repair to match existing stone. Bed and point with lime based mortar composition to match existing. Fire stop around cable penetration – Rockwool installation ref; SD-128-RDW (1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges. 2. Ensure that the surface is free from any bond breaking contaminants prior to application of sealant. 3. Install the backing material around the service item to allow for the minimum allowable seal depth. The backing material can consist of either stone wool packed around the service or a PE backing rod. 4. Install the Rockwool Acoustic Intumescent Sealant to the required depth ensuring a smooth tight finish with both the service item and the substrate. 5. Repeat step 3 and 4 on the other side of the wall.) Reinstate cable cover
NBS references	Repairs Specification Sections C40, C41 and Z21 P12/385 P12/386 P12/390
AtelierMB Drawings	
Other information referenced	Rockwool standard firestopping detail SD-128-RDW
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_551
Instances	1
Locations	Second Floor Neo PIN 0420:38
Breach Type	Void over partition.
Rating	60 Minutes
Substrate	Drywall
Description	Fire curtain to be installed along partition line at high level to meet soffit. ROCKWOOL FIREPOR fire barrier system installed in roof void. 2 layers of 50mm back to back butt jointed with staggered vertical joints between the back to back layers fixed via clamping plates and angles. Joints wire stitched. Note that any sealant to historic roof timbers must be done carefully to avoid damaging the timbers.
NBS references	P12/365
AtelierMB Drawings	
Other information referenced	
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_552
Instances	2
Locations	Basement corridor Neo PINs 0090:38, 0060:38
Breach Type	Junction between head of blockwork wall and brick soffit.
Rating	60 Minutes
Substrate	Block/brick
Description	Clad exposed steel beam. Fire rated cladding to exposed steel beam, with sealant to all edges where they meet blockwork/brickwork.
NBS references	K10/255 P12/360 P12/390
AtelierMB Drawings	2002 T(102), T(103)
Other information referenced	
Notes	



Building	New Warehouse
Methodology Ref:	COMP_MET_559
Instances	1
Locations	Second Floor PIN: A2GW224
Breach Type	Existing wall fire rating unknown – needs to be 60mins.
Rating	60 Minutes
Substrate	Existing stud partition
Description	Shaftwall secondary wall to upgrade existing partition. (NB prior to carrying out these works, carry out localised opening up to determine fire rating of existing partition. If the wall is already 60mins fire rated then this additional stud wall/lining will not be required.) Carefully break out existing partitions which sit perpendicular to the existing partition. Install new shaftwall against existing partition of unknown fire rating. Make good surroundings and ensure fire rating integrity at junctions with existing walls. Decorate wall to match existing. Allow for temporary removal and reinstatement of any M&E equipment fixed to the existing walls/ceilings/floors in this location.
NBS references	K10/126
AtelierMB Drawings	2002 T(108)
Other information referenced	This work interfaces with PIN A1GW224
Notes	



<i>Building</i>	New Warehouse
<i>Methodology Ref:</i>	COMP_MET_560
<i>Instances</i>	1
<i>Locations</i>	Ground Floor Pin A1GWG15
<i>Breach Type</i>	New fire rated partitions with door.
<i>Rating</i>	30 Minutes
<i>Substrate</i>	Concrete / Iron
<i>Description</i>	Install new fire rated metal stud partition incorporating new doors, and fire rated false ceiling/cap. 3 no. support columns resin bolted into existing substrate. Allow for localised lower ceiling at SVP position. Plaster skim and paint finish.
<i>NBS references</i>	K10, L20, P21
<i>AtelierMB Drawings</i>	P(105)
<i>Other information referenced</i>	
<i>Notes</i>	



<i>Building</i>	New Warehouse
<i>Methodology Ref:</i>	COMP_MET_561
<i>Instances</i>	2
<i>Locations</i>	Second Floor Pin A1217
<i>Breach Type</i>	New fire rated partition with door.
<i>Rating</i>	60 Minutes
<i>Substrate</i>	Concrete / Brick / Block
<i>Description</i>	Install new fire rated metal stud partition incorporating new door and adjacent glazed screen. Allow for opening up adjacent stud wall and installing additional stud support to take new partition. Allow for tying into existing timber valley beam for stability – in accordance with S.E. proposals. Plaster skim and paint finish to partition above and around door.
<i>NBS references</i>	K10, L20, P21
<i>AtelierMB Drawings</i>	P(109)
<i>Other information referenced</i>	
<i>Notes</i>	

