







FIRE PROOFING AND PROTECTION WORKS

TRADE SPECIFICATION

This trade specification gives information regarding the procurement of materials, installation of materials and on-site working methods to ensure the correct standards and compliance is achieved on site.

This trade specification is to be read alongside working drawings, BDW Standard Details, manufacturer's literature and the Barratt Construction Best Practice Guide.

Any statutory requirement relating to the Trade Specification takes precedent. If any doubts remain regarding the information given or further clarity is required, these concerns must be communicated to the Commercial Department BEFORE proceeding.

GENERAL

Barratt Group Standards require that fire proofing and protection works for apartment blocks are undertaken by certified installers (please see item 1 below for details of acceptable certified installers)

Apartment blocks, for the purposes of this specification, are defined as blocks over two stories and more than four flats.

Fire proofing and protection works typically relate to fire stopping and sealing of joints or service penetrations and intumescent applications and coatings

It is important to keep in mind when reading this trade specification that it relates solely to the requirements of fire proofing and protection specialist trades in this context.

It may not therefore be appropriate or necessary to reference all building types where there is no requirement for this trade and/or where work may be more appropriately included in other trade specifications

The fire proofing and protection trade are often reliant and associated with work undertaken by preceding trades. Should any element of work, by proceeding trades require attention, this must be highlighted by the fire proofing and protection trade to BDW Site Management before proceeding.

This is a general guidance document, please refer to manufacturer's product specific installation guides for applications to ensure most up to date details are followed.

a) Context

This Trade Specification defines Fire Proofing requirements for the following building heights and constructions:

 Multi Storey Apartments (5 storeys and above) – Reinforced Concrete Frame only (RCF)









- ii. Flats/Apartments Masonry.
- iii. Flats/Apartments-Timber Frame.
 - Fire Proofing Contractor and/or relevant Certified Trades (as defined in item 1. Certification) to be responsible for fire proofing relating to sealing and where services pass through fire rated floors or walls, including compartment, party, load bearing (external and internal), and protected hallway walls. Services and seals may include but are not restricted to electrical, broadband, telephone and communication wires and cables, ventilation ducting, drainage pipework, dry riser pipework, flues and plumbing pipework as defined by this Trade Specification.
 - Fire compressible fillers and intumescent mastic between top of internal walls and underside of separating floor to be installed, as defined by this Trade Specification and Manufacturer's instructions and associated test data.
 - Fire compressible fillers and intumescent mastic surrounding internal door openings to be installed, as defined by this Trade Specification and Manufacturer's instructions and associated test data.

<u>For all alternative non-standard constructions outside of the above please contact</u> Divisional Technical Team

b) **BDW Trading Limited**

Barratt Homes and David Wilson Homes are trading names of BDW Trading Limited "the Company".

c) **Clearing**

The Contractor is responsible for clearing up and safe removal of waste materials arising from execution of the Works, as part of this Trade Specification.

The Contractors attention is particularly drawn to the sections below which, state where waste materials must be removed as work progresses, ensuring that all waste materials have been removed following the completion of the Works.

Failure to comply with this requirement resulting in the Company's labour performing this task will result in contra charges.

d) Contract Conditions

The Contractors attention is drawn to the Company's Conditions of Contract and General Terms.

e) **Defective Workmanship**

All defects, resulting from poor workmanship by the Contractor or, by the Contractor not carrying out the Works in accordance with this Trade Specification and the Governing Documents listed below, are to be remedied by the Contractor at no extra cost to the Company.









Failure by the Contractor to carry out this contractual obligation, resulting in an alternative Contractor being instructed to carry out such remedial work, will incur the Contractor with the cost thereof.

f) Distribution

Contractors should be aware that the Company operates a national supply chain agreement with:

All products noted within this trade specification.

SIG Trading Adsetts House

16 Europa View Sheffield Business Park

Sheffield S9 1XH

Main Contact: Paul Stephens

Tel: 07715 165364

Email: <u>paulstephens@sigplc.com</u>

SIG Trading - Fire Protection North

Fire Protection Manager North West Contact: Eve Rutherford

Tel: 07974 599070

Email: everutherford@sigplc.com

Fire Protection Manager North East Contact: Phil Jones

Tel: 07790 823975

Email: philjones@sigplc.com

SIG Trading - Fire Protection South

Fire Protection Manager South East Contact: Liam McClurg

Tel: 07790 932869

Email: <u>liammcclurg@sigplc.com</u>

Fire Protection Manager South West Contact: Andy Gibbs

Tel: 07725 924594

Email: andygibbs@sigplc.com









g) Group Suppliers

Only the manufacturer's products listed in the Approved Materials section of this trade specification are permitted for use by the Contractor unless agreed otherwise at the time of tendering.

All works must be carried out strictly in accordance with technical specifications and manufacturers recommendations.

No other manufacturer's products are to be specified unless otherwise stated in the enquiry letter.

h) Health & Safety

All operatives are to be inducted on site in accordance with the Company's Health and Safety Policy.

It is the responsibility of the contractor to provide their own PPE Equipment which must be worn at all times while on site. All necessary PPE based on your assessment of risk or, where required by statutory provision or, site rules to be supplied by the Contractor.

All operatives are to be in possession of a valid CSCS Card relevant to the trade they are undertaking.

No 240v tools are allowed on site.

The Contractor <u>MUST</u> provide relevant Risk Assessments and/or Method Statement for the work and any relevant COSHH assessments for any products or substances being used.

The Contractor is to include for all necessary power leads/cables etc. to carry out the works. In addition the Contractor is to provide all necessary task lighting for the execution of the works.

i) Materials

It is the Contractors responsibility for checking materials delivered directly to site for any damage, colour variation and correct quantities prior to unloading. Should significant quantities of damaged materials be identified, these must be reported to the supplier before accepting the consignment.

The Contractor is responsible for unloading, protecting and safe storing all of their own materials to avoid damage and surface contamination.

The Contractor must ensure that all materials are satisfactory for use and have not been subject to deterioration and conform to the relevant British Standards or European Normative Standards, if applicable or Third Party Accreditation (e.g. British Board of Agrément (BBA)), NHBC and Local Authority requirements. Failure resulting from the Contractor using unsuitable or damaged materials will result in the Contractor being liable for any costs in rectifying the same.









j) Manufacturers Products

The Contractor must make themselves aware of Manufacturer's products and fixing instructions at the tendering stage as no claim for want of knowledge will be entertained. All technical issues must be resolved before work commences on site.

NO MIXING AND MATCHING OF DIFFERENT MANUFACTURERS PRODUCTS IS PERMITTED. THE LATEST MANUFACTURERS INSTALLATION GUIDANCE MUST BE REVIEWED AND FOLLOWED FOR EACH INSTALLATION – THERE MUST BE NO DEVIATION FROM MANUFACTURERS GUIDANCE. ALWAYS REFER TO THE LATEST PRODUCT DATA SHEET.

k) Site Condition

The Contractor is to examine the drawings, visit the site in order to ascertain position of site office, compound, electricity and water supplies.

Accessibility may vary depending on the location, soil type, weather conditions and such like. These factors must be taken into consideration at tender stage as no claims will be entertained for additional costs due to adverse site conditions.

l) Sub-Contractor

The Contractor must not further sub-contract any part of the Works to another Contractor without the prior knowledge and written approval of the Company.

It is essential that the Contractor liaises with all other trades associated with the Works to ensure the substrate is installed correctly and appropriately prior to work being carried out. Any discrepancies should be highlighted to the Site Manager.









1. CERTIFICATION

(i) The Contractor must be certified by one of the following accredited fire protection schemes to undertake the required work.

IFC Certification Ltd (IFC) www.ifccertification.com

Warrington Fire Accreditation Scheme (FIRAS) www.warringtonfire.net

The Loss Prevention Certification Board (LPCB) www.brecertifcation.co.uk

BM Timber Research and Development Association (BM TRADA) www.bmtrada.com

2. CONTRACT SUM

- (i) Fully inclusive fixed lump sums are required for the supply and fix of FIRE PROOFING works in accordance with the below specification, tender drawings and letter of enquiry.
- (ii) Contractors are deemed to have priced in accordance with good standards of acceptable workmanship.
- (iii) Contractors are to satisfy themselves that the materials used are of satisfactory quality and have not deteriorated due to site storage, as failure resulting from either bad workmanship of faulty materials will be the responsibility of the Contractor. The Contractor shall either make good the defects at his own expense of reimburse the Company the cost of employing an alternative Contractor to carry out such works should the awarded Contractor fail in his contractual responsibilities.

3. NON - STANDARD APPLICATIONS

Manufacturing engineering judgements should be requested for non - standard applications. Please contact Divisional Technical Team.









4. DOOR OPENINGS

Where gaps are found between the substrate and the door frame.

<u>Rockwool Acoustic Intumescent Sealant</u> is to be used, a backing material may be required to fill gaps between structure and door casing prior to sealant. <u>Rockwool RWA45</u> can be used unless the specific door manufacturer states otherwise (or other see NOTE below)

- (i) Around door frames to internal personnel door to habitable areas.
- (ii) Around all Communal entrance door frames.
- (iii) Around Meter cupboard frames.
- (iv) Around all Riser outlet frames

NOTE BS 8214 States mastic and expanding foam seals may be used for fire doors in all substrates provided they have been included within a fire test, between the door frame and surrounding structure on a timber based door assembly that has demonstrated a minimum of 30 minutes fire resistance or as appropriate to the door, in accordance with BS 476-22 or BS EN 1634-1...

IN ALL CASES THE MANUFACTURER'S DOOR GUIDANCE MUST BE SOUGHT. MASTIC AND EXPANDING FOAM SHOULD BE CHECKED FOR COMPATIBILITY.

5. EXPANSION JOINTS (GAPS)

Where high levels of movement in the building's services or joints need to be accommodated, the Contractor is to provide and install an expandable joint sealant such as <u>Rockwool FirePro SoftSeal Linear Joint Seal</u>.

All edges are to be sealed to the compartment walls, <u>ROCKWOOL Firestop Intumescent</u> <u>Acoustic Sealant</u> or <u>Fire resistant silicone sealant</u> can be used where high levels of movement are not required.









6. SERVICE PENETRATIONS THROUGH EXTERNAL WALLS.

For Apartments (RCF, Masonry, Timber Frame)

The following service penetrations will be installed by other trades:

- (i) Ventilation ducting
- (ii) Boiler flues
- (iii) External gas risers
- (iv) Electrical broadband and communications
- (v) Water services

For the purposes of this trade specification the internal fire stopping product required is Rockwool Acoustic Intumescent Sealant to provide the internal sealing to the penetration.

7. SERVICE PENETRATIONS THROUGH INTERNAL WALLS COMPARTMENT WALLS AND FIRE RESISTING WALLS (Internal protected lobbies)

For Apartments (RCF, Masonry, Timber Frame)

To clarify, the following service penetrations will be installed by other trades.

Plastic pipes, metal pipes, ventilation ducting

For the purposes of this trades specification, the following products will be associated for fire stopping:

- (i) Where plastic pipes penetrate fire rated walls, these must be installed into the wall with an <u>Intumescent Pipe Wrap CE</u>, cut to the appropriate size of pipe, ensuring that the entire pipe is covered. Pipe seals are to be positioned centrally within the wall, horizontally. Plastic pipes of less than or equal to 115mm diameter are to be lapped (wrapped) singularly, pipes of between 115mm and 170mm are to be double lapped.
- (ii) Where the use of a Rockwool Insulated Fire Sleeves is to be installed on plastic pipes penetrating walls, or coated batts, the split joint on the insulated pipe is to be overlaid with foil tape, self-adhesive Class 0 foil tape along the length of the joint prior to being positioned into the wall or floor.
- (iii) Where a <u>Rockwool Insulated Fire Sleeves</u> is used on plastic pipes, the pipe sleeve must extend beyond the face of the wall or the floor extend at least 25 mm from each face of the supporting wall to allow for effective sealing against any thermal insulation, except when used with <u>Rockwool Ablative Batt</u> where a minimum of 50 mm protrusion is required from both faces.
- (iv) Where <u>Rockwool Insulated Fire Sleeves</u> is being used to replace combustible lagging on metal pipes where they penetrate the wall or floor, to offer fire resistance and maintain vapour layers, <u>Rockwool Insulated Fire Sleeves</u> must be foil taped either









side to the existing lagging. The gap between the supporting construction and the Insulated Pipe Seal is to be kept to a minimum as practical. If gaps exceed 15mm around the sleeve or 8mm between the service pipe and the sleeve, these voids must be filled with Rockwool Firestop Compound.

- (v) Where pipes have already been installed in to the wall, ensure that the wall around the opening has been made good using Rockwool Firestop Compound, a Rockwool Pipe Collar CE should then be fitted around the plastic pipe and fixed to the wall in accordance with the manufacturers fitting instructions.
- (vi) Rockwool Pipe Collar CE are required to be fitted to both sides of the wall.

DOOR HEAD (LETTER BOX)

RCF associated with Gypframe systems. Rockwool products or Quelfire products

Rockwool

(I) At the door head the following materials can be used in conjunction with each other if installed to manufacturer's details.

- Rockwool Ablative Batt
- Rockwool Acoustic Intumescent Sealant
- Rockwool Firestop Compound
- Rockwool Ablative Coating
- Rockwool High Expansion Sealant
- Intumescent Pipe Wrap CE
- Rockwool Pipe Collar CE

OR

Quelfire

(i) QuelStop CE Marked Fire Batt

QB50 CE Marked QuelStop Ablative Coated Mineral Wool Fire Batt is a coated mineral wool board used to reinstate the fire rating of wall and floor constructions where they have been penetrated by services.

(ii) QuelStop HPE Sealant | QHPE

QHPE QuelStop HPE Intumescent Graphite Sealant is a high expansion intumescent acrylic based graphite sealant used to provide a fire rated linear joint or gap seal and to maintain the fire rating of walls and floors where they have been penetrated by services as part of the QuelStop Fire Batt System or direct to the substrate.

(iii) QuelStop Intumescent Acrylic Sealant | QSS

QSS QuelStop CE Marked Intumescent Acoustic Acrylic Sealant is a water-based intumescent acrylic used to provide a fire rated linear joint or gap seal, and to maintain









the fire rating of walls and floors where they have been penetrated by services as part of the QuelStop Fire Batt System or direct to the substrate.

8. HORIZONTAL JUNCTION AT HEAD OF NON LOAD BEARING SEPARATING AND COMPARTMENT WALLS TO FLOOR.

RCF. The following products are to be installed by other trades.

British Gypsum Quietwall System which incorporates the Gyproc Firestrip where a deflection head detail is required. Please refer to manufacturer's specification.

TRADITIONAL MASONRY

- (i) For gaps of up to 15mm, <u>Linear and Trapezoidal Firestop Systems</u> is to be installed with the construction of the last course of brick / blockwork wall. The Contractor is to ensure the mortar joint on the last course of bricks / blocks is built up sufficiently to allow the Rockwool Firestop Strip to be fitted under a minimum of 5% compression.
- (ii) For gaps over 15mm, Rockwool must be compressed into gap ensuring the seal is fitted under a minimum of 5% compression.
- (iii) Ensure that all joints are tightly abutted and pointed with Rockwool Acoustic Intumescent Sealant.
- (iv) Any small gaps of up to 3mm are to be filled with Rockwool Acoustic Intumescent Sealant

9. HORIZONTAL JUNCTION OF NON LOAD BEARING SEPARATING AND COMPARTMENT WALLS TO ROOF

RCF. The following products are to be installed by other trades.

British Gypsum Quietwall System which incorporates the Gyproc Firestrip where a deflection head detail is required. Please refer to manufacturer's specification.

10. SERVICE PENETRATIONS THROUGH FLOORS

WATER OR DRAINAGE SERVICES

RCF AND MASONRY

All pipe penetrations passing through compartmentation floors needs to be sealed using

Rockwool Ablative Batt or

Rockwool Firestop Compound for voids greater than 10mm

Acoustic Intumescent Sealant (Max 10mm void to seal annular space.).

Rockwool CE Firestop Pipe Collars are required to be fitted to underside of the floor.









- (i) Reference Rockwool Standard Detail for suitable floor types and installations Rockwool Firestopping Standard Details
- (ii) Firestop Compound is used to provide a fire resisting seal around service penetrations in fire rated concrete floors. Tested to BS476 Part 20, 1987, Firestop Compound provides up to 6 hours fire protection.
- (iii) In concrete floors, a permanent shuttering made from 50mm Rockwool Slab (minimum density 140kg/m3) is cut and friction fitted between services and the edges of the floor slab. Firestop Compound is then troweled over the shutter to a depth of 25mm thick. This is allowed to cure. Further Firestop Compound is then mixed to a pouring grade and tops the seal up to the required depth to achieve the required fire rating.
- (iv) Floor Openings Pouring: A bag of compound to 10 litres water (3:1) by volume. Vary to suit site conditions. Set the shuttering into the opening ensuring a tight fit so that once the required depth of Compound is installed it finishes flush with the floor slab/screed unless otherwise specified. Mix and pour compound until the required thickness is achieved.
- (v) Reinforcement Reinforcing requires 12mm diameter bars or 40mm high x 60mm steel angle, fixed across the short span of the aperture, are to be placed at a maximum of 200mm centres across the short span only. The bars may be either recessed into the surrounding structure by minimum 50mm on both sides or supported on an angle securely fixed to the structure, all positioned approximately 30mm above the bottom surface of the compound to ensure adequate fire protection from below. Existing compound installations can be easily drilled or sawn using non-percussion systems to allow the provision of additional or replacement services and subsequently resealed. Recommended minimum clearance between services and surrounding structure is 50mm or half the diameter, whichever is greater. Further advice should be sought from SIG if reinforcement is required.

Where the Rockwool products are not practical the Hilti CFS-CID Firestop cast-in device. HILTI CFS-CID should be utilised.

TIMBER All plastic pipe penetrations passing through compartmentation floors needs to be sealed using

Quelfire Intumescent Fire Collar

11. PROTECTION TO STRUCTURAL STEEL

INTUMESCENT PAINT

Jotun - All structural steel where marked for protection.

Ensure existing primer is compatible with Jotun Coatings and primed surface is clean, dry and free from any grease, dust and contaminants. Primer should be a minimum of 50 - 75









microns DFT ensuring blast profile is fully covered. Primer should be no more than 250 microns thick.

SteelMaster 600WF, SteelMaster 1200WF, Sealer Coat Pilot ACR

Sealer/ topcoat is required at the construction phase For loadings (DFT/WFT) the sections sizes is needed for calculate. A copy of the calculator can be download from www.jotunsteelmaster.com

Please note existing steel shall require the removal of all loose material and coatings, existing coatings must be checked for soundness and compatibility and thickness must not exceed 250 microns dft. If required blast clean in dry atmospheric conditions using abrasive of suitable type and size, free from fines, moisture and oil.

STRUCTURAL STEEL ENCASEMENT

The Contractor is to provide suitable cladding to all structural steel work using Rockwool Beamclad or British Gypsum Glasroc Firecase F.

SIG will facilitate all Fire Calculations for Steel Work subject to being supplied with a schedule of steel sizes through a manufacturer. To calculate <u>Rockwool Beamclad</u> thicknesses please confirm:- Type of beam or column, solid or cellular, size of beam or column, fire rating, application type 2/3/or 4 sided install, and desired installation method, eg: stud welded pins or glued noggins.

12. CLADDING SYSTEMS AND CURTAIN WALLING

(i) <u>Rockwool Soft Seal System</u> or <u>Rockwool SP system</u> should be installed between the cladding system and/or curtain walling and the frame construction/slab edge.

13. UNDERGROUND PARKING AREAS

- (i) All walls and ceilings are to be fire lined with cast concrete Rockwool Soffit Slab provides fire resistance and thermal insulation through concrete soffits, including car parks. The product consists of a rigid Rockwool Insulation Board in various thicknesses and is available with a black or white tissue facing, foil facing, or a non-combustible high impact board. The fire resistance, insulation and integrity of the product has been tested on a concrete soffit.
- (ii) Where concrete soffits, including car parks, does not require fire resistance and thermal insulation, the Contractor may use <u>AIM Compression Resistant Soffit Liner</u>. It's manufactured from insulation slab bonded to fibre cement board, suitable for exposed and semi exposed applications. The product is available faced with UHD decorative rock fibre board, suitable for fully exposed exterior cladding surface of facing and rock wool insulation comply with Class O of the Building Regulations. It offers high compressive strength and thermal and acoustic insulation performance.

14. CERTIFICATE OF COMPLIANCE AND INSTALLATION REPORTS

Upon completion of the installation of all fire protection material, the Contactor is to record









the installation. This may be achieved using a computer-based software system to digitally record the progress, date stamp and photograph of the completed installation.

Alternatively, where a non-computerised recording system is being utilised, the Contractor must record the following information on individual installation labels at each location:

- (i) A unique reference number, this can be the associated plot number and, where there are multiple penetrations that have been protected, a further reference number; i.e. Plot 100-001, Plot 100-002, etc. Communal areas should be referenced 'COM' together with a unique reference number for that location, i.e. COM-001, etc.
- (ii) The installers name.
- (iii) The date of the installation.
- (iv) Fire seal type used at the location.

The Contractor is required to photograph the location label together with the fire stopping installed at that specific location and mark on all applicable working drawings the plot and reference number of the location label.

The photographs and the marked-up drawing(s) are then to form the basis of Installation Reports that the Contractor must provide to the Company.

Installation Reports must include:

- (i) All working drawings clearly marked-up with the location of the label unique reference numbers.
- (ii) A copy of all photographs referenced with the plot number, postal address, floor level, the fire seal used at the location, the name of the person who inspected the installation, the inspection date, the location label unique reference number and the installer's initials. An example of this information is shown below.
- (iii) The specification for the fire protection installed at that location together with the fire rating (in hours).

Installation Reports are to be provided to the Site Manager for inspection and sign-off before the areas are covered up. The Site Manager is to ensure that all areas have been protected as required and that the report is reflective of all the work.

Where retrofitting is necessary the amendments must be captured in an amended report or annexe.

Installation Reports are to be submitted with the Contractor's Invoice to the Surveyor for the site for future reference.

The Contractor must issue a Certificate of Conformity, provided under the UKAS TPA scheme to the accredited organisation that they belong to, as noted in section 1(i) above.









Example of Inspection Report showing plot number, inspection information, installation label photographs and fire stopping photographs. The report should enable easy identification of the location of the label, for example as below by pinning on a plan. Any label should generally be on the accessible/communal side. It is a matter of judgement by the certified installer, the extent that a single label covers multiple service penetrations. The intention is to readily locate and be able to identify the element in question if needing to retrieve the information.

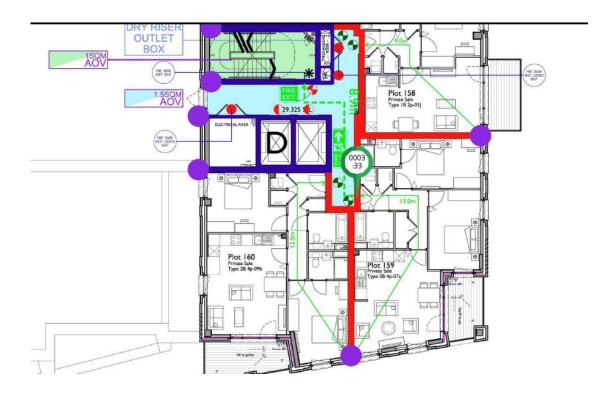
PLOT	POSTAL ADDRESS	FLOOR LEVEL	INSPECTED BY	INSPECTION DATE	CONTRACTORS UNIQUE REFERENCE NUMBER, DATE & INSTALLERS INITIALS	INSTALLATION LABEL PHOTOGRAPH	FIRE STOPPING PHOTOGRAPH
124	Flat 35	5 th	Ajay Saini	18.02.14	28.09.13 NJ	FIRE SEAL DO NOT TAMER OR REMOVE	Pade 124 Lucal 5
125	Flat 36	5 th	Ajay Saini	18.02.14	402 31.10.13 NJ	Roseville Limites Postavine une hanning and Postavine une hanning and Intelligence limites Intelligence limites FIRESEAL - DO NOTTANNO OR REMONE	Park liter
					28.09.13 NJ	DO NOT AND REMADE OR REMADE OR SHARES THE SAME OF SAME	











The installer is expected to maintain a valid status of certification with their accredited organisation and must advise, with immediate effect, of any change in status to that registration.

15. APPROVED MATERIALS

Only the following manufacturer's products are approved for use within the Works, no other manufacturer's products are to be used unless prior approval has been provided by the Company in writing.

AIM Product(s) Specified:

AIM Firestop Blocks

AIM Party Wall Fire Closer

AIM VRB Plus AIM FF102/50

AIM Compression Resistant Soffit liner

British Product(s) Specified:

Gypsum British Gypsum Glasroc F Firecase

British Gypsum FireLine Board

HILTI CFS-CID

Rockwool Product(s) Specified:

Rockwool Ablative Batt
Rockwool Ablative Coating

Rockwool Acoustic Intumescent Sealant









Rockwool Beamclad

Rockwool Fire Barrier Systems

Rockwool Fire Duct

Rockwool Fire Resistant Silicone Sealant

Rockwool FirePro SoftSeal Linear Joint Seal

Rockwool Firestop Intumescent Acoustic Sealant

Rockwool Firestop Pipe Collar

Rockwool Firestop Pipe Wrap

Rockwool Firestop Compound

Rockwool Firestop Strips

Rockwool Linear and Trapezoidal Firestop Systems

Rockwool High Expansion Intumescent Sealant

Rockwool Fire Tube

Rockwool Insulated Fire Sleeve

Rockwool Internal Socket Intumescent Putty Pads

Rockwool Pipe Section

Rockwool RWA45

Rockwool Slab

Rockwool Soffit Slab

Rockwool Oval Insulated Fire Sleeve

Rockwool SP Systems

Specified Standard Details:

Rockwool Firestopping Standard Details

Quelfire QuelStop CE Marked Fire Batt

QuelStop HPE Sealant | QHPE

QuelStop Intumescent Acrylic Sealant | QSS

Quelfire Intumescent Fire Collar

Jotun <u>SteelMaster 600WF</u>

SteelMaster 1200WF Sealer Coat Pilot ACR









FIRE PROOFING AND PROTECTION WORKS

TRADE SPECIFICATION AGREEMENT

This	Specification	Agreement	relates	specifically	to	the	Company's	development	at			
I conf	irm that I have r	ead and unde	erstood th	e foregoing S	peci	ficatio	n and any ned	cessary associa	ated			
								details and that				
prices include for all items contained therein and will "Remain Fixed" for a period of: as outlined in the Enquiry letter.												
SIGNED:												
FOR AND ON BEHALF OF:												
DATE	:·					••						
NR Th	ne contractor is to sign	n this Agreement a	nd return it wi	ith his Quotation A	Any nri	ces rece	eived without this A	greement will be excl	uded			
	nsideration.	Tillio Agreement ai	id rotali it w	arriio Quotation. 7	uly pii	000 1000	nvoa without this 7t	greement will be exer	uucu			

Rev B - 1 February 2022