

Title:

The Fire Resistance
Performance Three
Specimens Of Floor
Mounted Control Joint
Systems, When Tested In
Accordance With
AS 1530.4:2014 Section 10

Date Of Test:

15th February 2021

Issue 1

16th March 2021

WF Report No:

438106/R



Prepared for:

Siderise Insulations Ltd

Forge Industrial Estate
Maesteg
Bridgend
Mid Glamorgan
CF34 0AZ



0249

Test Specimen

Summary of Tested Specimen

For the purpose of the test the floor specimens were referenced A to C.

The section of floor had overall dimensions of 2200 mm long by 1750 mm wide by 150 mm thick and was made up of autoclaved aerated concrete lintels arranged to provide three control joints of varying widths which were all 1200 mm in length.

Specific details of each of the seals are given in the tables below:

Floor Specimens

Specimen	Substrate	Seal Details
A	Concrete to Concrete	'XFS120' Stone wool insulation with aluminium foil faces, stated density 75kg/m ³ . The barrier was 1200 mm long x 310 mm wide (with no compression) x 120 mm deep, it was installed with 10 mm compression and with a taped butt joint 200 mm down from one end. Fixed to the supporting construction using 3 steel hangers. Specimen installed flush with the unexposed surface of the supporting construction.
B	Concrete to Concrete	'XFS90' Stone wool insulation with aluminium foil faces, stated density 75kg/m ³ . The barrier was 1200 mm long x 310 mm wide (with no compression) x 120 mm deep, it was installed with 10 mm compression and with a taped butt joint 200 mm down from one end. Fixed to the supporting construction using 3 steel hangers. Specimen installed flush with the unexposed surface of the supporting construction.
C	Timber to Timber	'XFS90' Stone wool insulation with aluminium foil faces, stated density 75kg/m ³ . The barrier was 1200 mm long x 310 mm wide (with no compression) x 90 mm deep, it was installed with 10 mm compression and with a taped butt joint 200 mm down from one end. Fixed to the supporting construction using 3 steel hangers. Specimen installed flush with the unexposed surface of the supporting construction.

Detailed drawings of the test specimen(s) and a comprehensive description of the test construction based on a detailed survey of the specimen(s) and information supplied by the sponsor of the test are included in the Test Specimen and Schedule of Components sections of this report.

Performance Criteria and Test Results

Integrity It is required that the specimens retain their separating function, without causing ignition of a cotton pad when applied as specified in AS 1530.4:2014, or resulting in sustained flaming on the unexposed surface.

Insulation It is required that the mean temperature rise of the unexposed surface shall not be greater than 140°C and that the maximum temperature rise shall not be greater than 180°C as specified in AS 1530.4:2014.

Test Results

Specimen	Integrity (minutes)		Insulation (minutes)		Fire Resistance Level (FRL)
	Cotton Pad	Sustained Flaming			
A	132*	132*	132*	No Failure	--/120/120
B	132*	132*	79	TC 35 exceeds maximum temperature rise	--/120/60
C	76	78 [#]	61	TC 13 exceeds maximum temperature rise	--/60/60

*Test was discontinued after a period of 132 minutes.

[#]Specimen blanked off.

Date of Test 15th February 2021

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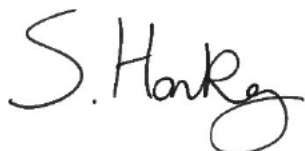
Signatories



Responsible Officer
D. Whittle*
Technical Officer



Approved
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Report Co-Ordinator



Head of Department
S. Hankey*
Business Unit Head

* For and on behalf of **Warringtonfire**.

Report Issued

Date: 16th March 2021

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Revision History

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CONTENTS**PAGE NO.**

TEST SPECIMEN	2
PERFORMANCE CRITERIA AND TEST RESULTS	3
SIGNATORIES.....	4
REVISION HISTORY	5
TEST CONDITIONS.....	7
TEST SPECIMEN DRAWINGS	8
SCHEDULE OF COMPONENTS.....	13
TEST OBSERVATIONS	15
TEST PHOTOGRAPHS	16
TEMPERATURE AND PRESSURE DATA.....	18
ON-GOING IMPLICATIONS.....	27
PERMISSIBLE VARIATIONS TO THE TESTED SPECIMEN.....	28
SAMPLE REPORT	29

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Test Conditions

Standard AS 1530.4:2014 Fire-resistance tests for elements of construction – Section 10 Service Penetrations And Control Joints

Sampling A representative of **Warringtonfire** sample selected the following components of the tested specimen:

Component	Sampling date	Sampling report reference
XFS120	14/08/2020	FM432018
XFS90		

Copies of sampling reports are included in the Sample Report section.

Installation **Warringtonfire** supplied the wall and floor constructions. The gap sealing systems were provided and installed by a representative of the test sponsor on the 15th February 2021.

Conditioning The specimen's storage, construction, and test preparation took place in the test laboratory over a total, combined time of 1 day. Throughout this period of time both the temperature and the humidity of the laboratory were measured and recorded as being within a range of from 18°C to 24.5°C and 38.5% to 40.5% respectively.

Instruction to Test The test was conducted on the 15th February 2021 at the request of Siderise Insulations Ltd, the test sponsor.

Mr. C. Mort a representative of the test sponsor witnessed the test.

Ambient Temperature The ambient air temperature in the vicinity of the test construction was 16°C at the start of the test with a maximum variation of -1°C and +3°C during the test.

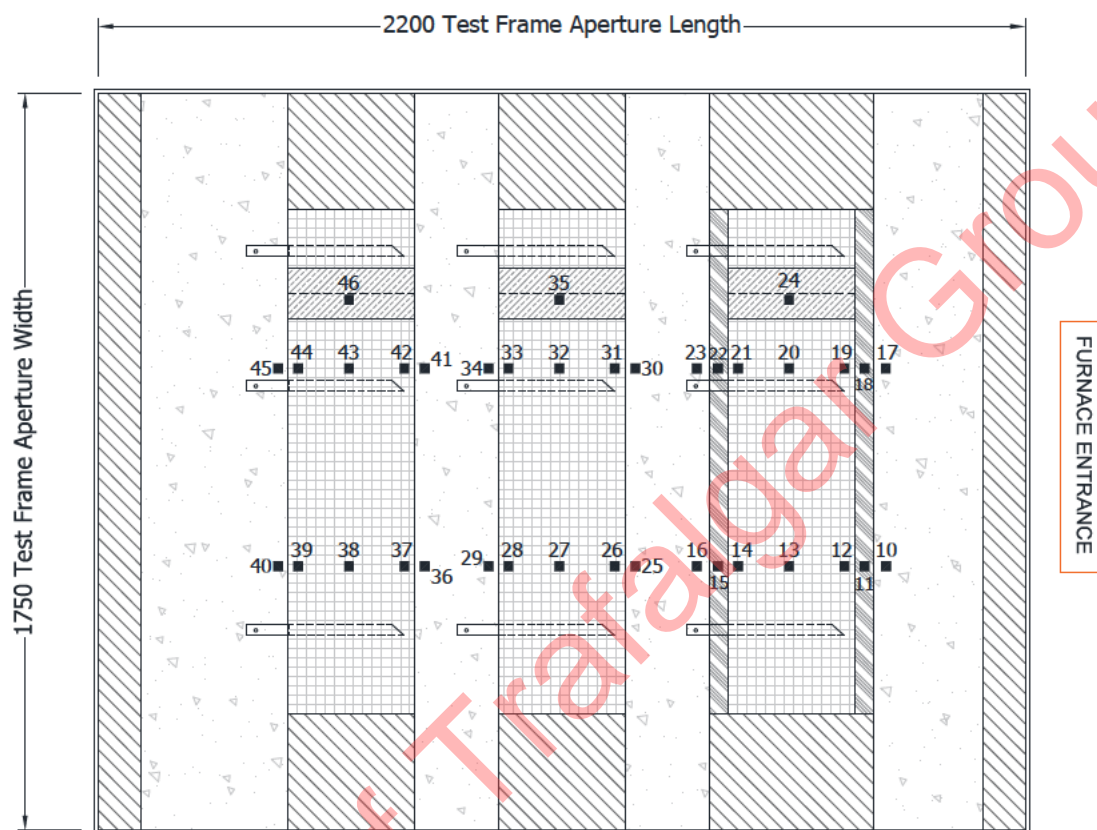
Furnace The furnace was controlled so that its mean temperature complied with the requirements of AS 1530.4:2014 Clause 2.11 using four mineral insulated thermometers, distributed over a plane 100 mm from the surface of the horizontal test construction.

Thermocouples Thermocouples were provided to monitor the unexposed surface of the specimens. The output of all instrumentation was recorded at no less than one minute intervals. The locations and reference numbers of the various unexposed surface thermocouples are shown in Figure 1.

Furnace Pressure After the first five minutes of testing and for the remainder of the test, the furnace atmospheric pressure was controlled so that it complied with the requirements of AS 1530.4:2014 Clause 2.3 The calculated pressure differential relative to the laboratory atmosphere at position 100 mm below the underside of the floor assembly the differential pressure was calculated to be 20 (\pm 3) Pa respectively thereafter.

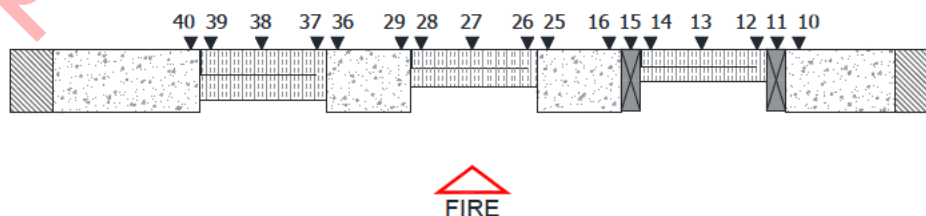
Test Specimen Drawings

Figure 1- General Plan View of Test Construction Showing Thermocouple Locations



■ / ▲ Positions of surface thermocouples

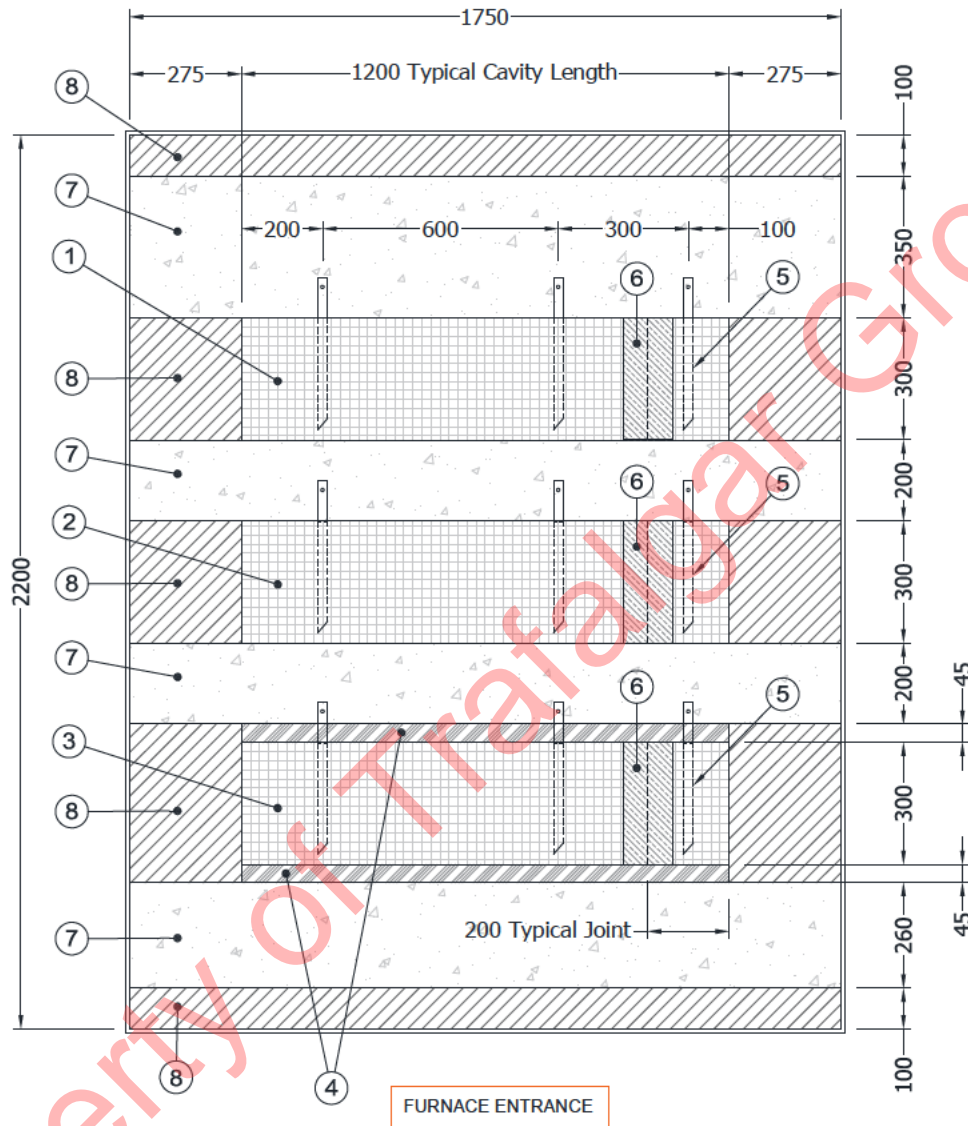
**GENERAL PLAN VIEW OF TEST CONSTRUCTION AT UNEXPOSED FACE
SHOWING THERMOCOUPLE LOCATIONS**



**TYPICAL HORIZONTAL SECTION THROUGH TEST CONSTRUCTION
SHOWING THERMOCOUPLE LOCATIONS**

Do not scale. All dimensions are in mm

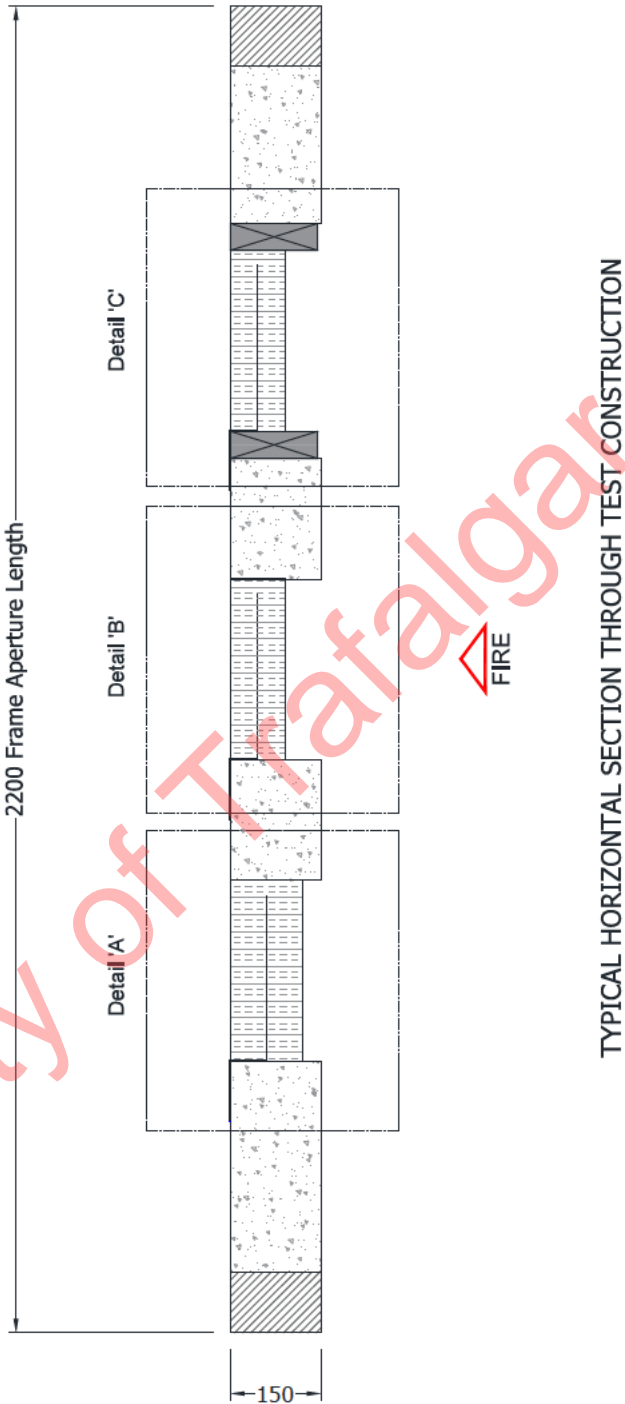
Figure 2 – General Plan View of Test Construction at Unexposed Face



GENERAL PLAN VIEW OF TEST CONSTRUCTION AT UNEXPOSED FACE

Do not scale. All dimensions are in mm

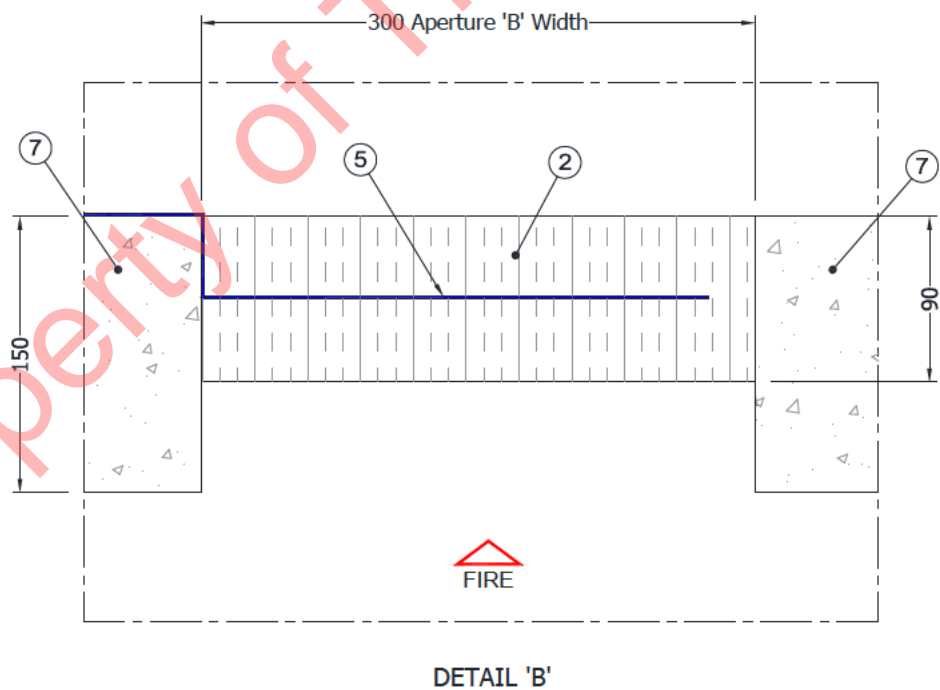
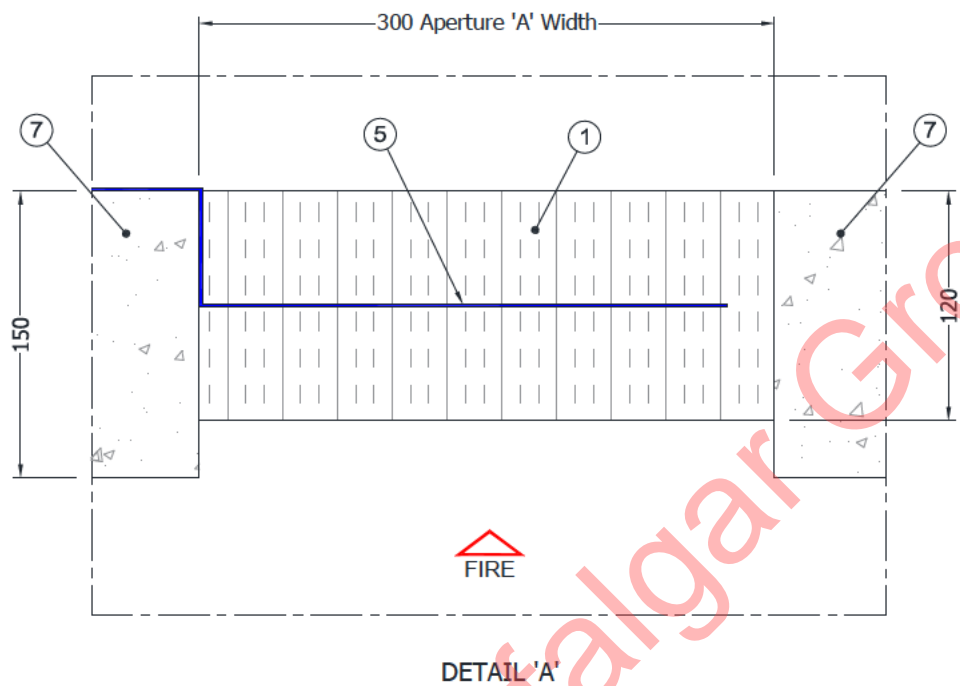
Figure 3 – Typical Section Through Test Construction



TYPICAL HORIZONTAL SECTION THROUGH TEST CONSTRUCTION

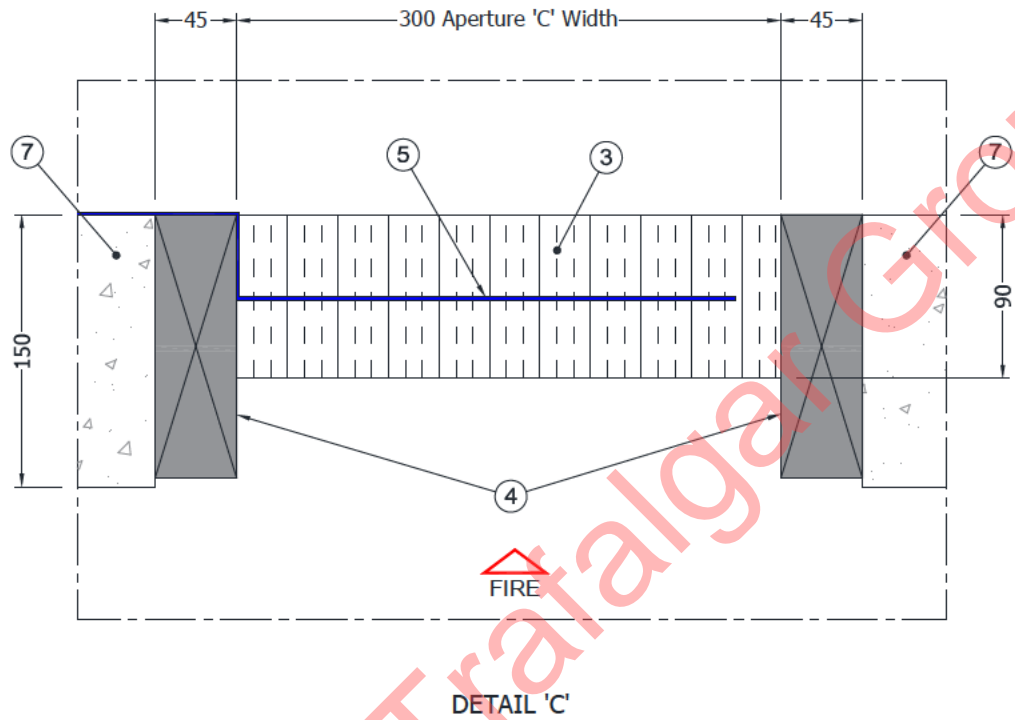
Do not scale. All dimensions are in mm

Figure 4 – Details 'A' & 'B'



Do not scale. All dimensions are in mm

Figure 5 – Detail 'C'



Do not scale. All dimensions are in mm

Schedule of Components

(Refer to Figures 1 to 5)

(All values are nominal unless stated otherwise)

(All other details are as stated by the sponsor)

<u>Item</u>	<u>Description</u>
1. Cavity Barrier Specimen 'A'	
Manufacturer	: Siderise Insulation Limited.
Reference	: XFS120
Material	: Stone wool insulation with aluminium foil faces.
Density	: 75 kg/m ³
Cavity size	: 1200 mm long x 300 mm wide x 150 mm deep.
Specimen size	: 1000 mm long x 300 mm wide x 120 mm deep and 200 mm long x 300 mm wide x 120 mm deep.
Specimen size (uncompressed)	: 1000 mm long x 310 mm wide x 120 mm deep and 200 mm long x 310 mm wide x 120 mm deep.
Fixing method	: Fixed to the supporting structure using 3 No. steel hangers (item 5). Splice Jointed and taped with aluminium foil joint tape (item 6)
Compression	: 10 mm
2. Cavity Barrier Specimen 'B'	
Manufacturer	: Siderise Insulation Limited.
Reference	: XFS90
Material	: Stone wool insulation with aluminium foil faces.
Density	: 75 kg/m ³
Cavity size	: 1200 mm long x 300 mm wide x 150 mm deep.
Specimen size (compressed)	: 1000 mm long x 300 mm wide x 90 mm deep and 200 mm long x 300 mm wide x 90 mm deep.
Specimen size (uncompressed)	: 1000 mm long x 310 mm wide x 90 mm deep and 200 mm long x 310 mm wide x 90 mm deep.
Fixing method	: Fixed to the supporting structure using 3 No. steel hangers (item 5). Splice Jointed and taped with aluminium foil joint tape (item 6)
Compression	: 10 mm
3. Cavity Barrier Specimen 'C'	
Manufacturer	: Siderise Insulation Limited.
Reference	: XFS90
Material	: Stone wool insulation with aluminium foil faces.
Density	: 75 kg/m ³
Cavity size	: 1200 mm long x 300 mm wide x 150 mm deep.
Specimen size (compressed)	: 1000 mm long x 300 mm wide x 90 mm deep and 200 mm long x 300 mm wide x 90 mm deep.
Specimen size (uncompressed)	: 1000 mm long x 310 mm wide x 90 mm deep and 200 mm long x 310 mm wide x 90 mm deep.
Fixing method	: Fixed to the supporting structure using 3 No. steel hangers (item 5). Splice Jointed and taped with aluminium foil joint tape (item 6)
Compression	: 10 mm

<u>Item</u>	<u>Description</u>
4. Timber Section	
Material	: Spruce C16 – EN14081
Density	: 370 kg/m ³
Section size	: 145 mm wide x 45 mm deep
Length	: 1200 mm
Quantity	: 2
Fixing method	: Fixed to the supporting structure, using 3 No. Ø 7.5 mm x 100 mm long concrete screws @ 400 mm centres
5. Steel Hanger	
Manufacturer	: Siderise Insulation Limited.
Reference	: RS450
Material	: Galvanised steel.
Thickness	: 1.5 mm.
Width	: 25 mm.
Supplied length	: 450 mm long
Overall shaped dimensions	
i. Cavity barrier 'A'	: 375 mm long x 60 mm high x 25 mm wide (trimmed and bent)
ii. Cavity barrier 'B'	: 375 mm long x 45 mm high x 25 mm wide (trimmed and bent)
iii. Cavity barrier 'C'	: 375 mm long x 45 mm high x 25 mm wide (trimmed and bent)
Fixing method	: The hanger was cut to the required length and inserted 225 mm into the Insulation slab. Each hanger was fixed to the supporting structure using 1 No. Ø7.5 mm x 50mm long concrete screw, per hanger.
Centres	: 2 hangers spaced approximately 600 mm apart, along the length of the cavity aperture and 1 No. hanger at mid-point of the splice jointed slab. See Figure 2.
6. Joint Tape	
Manufacturer	: Siderise Insulation Limited.
Reference	: RFT120
Material	: Self-adhesive backed Aluminium Foil
Thickness	: 0.1 mm
Width	: 120 mm
Fixing method	: Self-adhered across each of the joints in the cavity barriers at the unexposed face.
7. Concrete Lintel - Supplied by Warringtonfire	
Material	: Autoclaved aerated concrete slabs
Density	: 670 kg/m ³
Thickness	: 150 mm
Overall sizes	: See Figure 2
8. Masonry Blocks - supplied by Warringtonfire	
Material	: Autoclaved aerated concrete blocks
Density	: 760 kg/m ³
Fixing method	: Ordinary sand/cement mortar.

Test Observations

Time		All observations are from the unexposed face unless noted otherwise.
mins	secs	
00	00	The Test Commences.
06	07	Steam/smoke release can be seen from one end of Specimen C and the supporting construction.
07	20	Steam/smoke release can be seen from one end of Specimens A and B.
19	20	Steam/smoke release continues from all barriers.
26	00	Steam/smoke release can be seen from timber substrate of Specimen C at mid-span.
37	10	Discolouring to timber adjacent the bracket closest to thermocouple number 15.
44	00	Foil face of B and C have delaminated.
59	50	Discolouring to timber increased.
71	00	Discolouring to both timber substrates.
71	30	Glowing observed to the end of timber substrate, closest to thermocouple number 18.
76	30	Cotton pad applied to glowing on Specimen C, cotton pad ignites. Integrity failure deemed to occur.
78	20	Mastic applied to glowing area on Specimen C to allow the test to continue.
100	00	No significant visible change.
109	00	Sustained flaming multiple places across C, mastic applied to allow the test to continue.
120	00	No significant visible change on A or B.
124	00	Specimen C is extinguished.
264	00	Test is discontinued at the sponsors request.

Test Photographs

The exposed face of the floor assembly prior to testing



The unexposed face of the wall assembly after a test duration of 60 minutes



The unexposed face of the floor assembly after a test duration of 132 minutes



The exposed face of the floor assembly immediately after the test



Temperature and Pressure Data

Mean furnace temperature, together with the temperature/time relationship specified in AS 1530.4:2014

Time Mins	Specified Furnace Temperature Deg. C	Actual Furnace Temperature Deg. C
0	20	15
4	544	598
8	645	525
12	705	736
16	748	738
20	781	792
24	809	815
28	832	837
32	851	855
36	869	874
40	885	889
44	899	896
48	912	908
52	924	919
56	935	930
60	945	941
64	955	953
68	964	960
72	973	969
76	981	979
80	988	989
84	996	999
88	1003	1006
92	1009	1016
96	1016	1018
100	1022	1020
104	1028	1021
108	1033	1026
112	1039	1029
116	1044	1047
120	1049	1055
124	1054	1062
128	1059	1064
132	1063	1065

Individual and mean temperatures recorded on the unexposed surface of Specimen A

Time Mins	T/C Number 37 Deg. C	T/C Number 38 Deg. C	T/C Number 39 Deg. C	T/C Number 42 Deg. C	T/C Number 43 Deg. C	T/C Number 44 Deg. C	T/C Number 46 Deg. C	Mean Temp Deg. C
0	14	12	13	14	19	14	14	14
4	14	11	13	13	19	13	13	14
8	15	12	13	12	20	14	13	14
12	20	15	17	18	27	22	22	20
16	27	23	25	27	38	32	39	30
20	35	30	30	34	45	36	45	36
24	41	36	34	39	48	38	47	40
28	49	42	39	42	55	41	49	45
32	59	54	49	48	65	50	59	55
36	68	66	58	57	75	58	67	64
40	72	72	64	64	81	65	74	70
44	75	77	68	70	90	69	80	76
48	77	97	70	73	111	72	102	86
52	79	97	72	76	125	75	115	91
56	81	97	74	78	144	73	142	98
60	87	112	78	78	149	76	152	105
64	92	135	80	80	153	76	155	110
68	95	143	83	81	155	77	154	113
72	98	143	85	84	155	79	154	114
76	100	141	87	88	156	83	155	116
80	101	140	90	91	154	85	156	117
84	102	140	91	93	156	89	158	118
88	104	142	93	94	156	90	159	120
92	108	144	95	96	156	89	160	121
96	111	148	97	97	158	92	162	124
100	113	149	99	98	160	95	164	125
104	114	151	100	99	161	97	167	127
108	115	151	101	100	161	96	166	127
112	117	153	101	100	164	99	168	129
116	118	153	103	101	164	98	169	129
120	119	155	104	102	165	99	170	131
124	122	157	108	103	167	100	172	133
128	123	159	111	105	169	99	173	134
132	125	162	116	107	172	101	176	137

Individual temperatures recorded on the unexposed surface adjacent to Specimen A

Time Mins	T/C Number 36 Deg. C	T/C Number 40 Deg. C	T/C Number 41 Deg. C	T/C Number 45 Deg. C
0	16	13	13	12
4	15	13	12	11
8	15	14	12	12
12	16	13	14	10
16	17	13	14	12
20	18	13	15	13
24	20	15	16	14
28	23	15	17	14
32	27	16	19	15
36	32	18	21	16
40	37	21	24	18
44	43	24	27	21
48	47	27	31	23
52	51	28	33	27
56	55	35	39	28
60	57	36	40	32
64	59	39	43	34
68	61	41	46	36
72	63	42	48	38
76	65	44	50	40
80	66	46	52	41
84	67	47	53	43
88	68	49	55	44
92	70	50	56	45
96	71	51	57	47
100	72	52	58	48
104	73	53	59	49
108	73	54	60	50
112	74	55	61	51
116	74	56	61	52
120	75	56	62	53
124	75	57	62	54
128	75	58	63	54
132	76	59	63	55

Individual and mean temperatures recorded on the unexposed surface of Specimen B

Time Mins	T/C Number 26 Deg. C	T/C Number 27 Deg. C	T/C Number 28 Deg. C	T/C Number 31 Deg. C	T/C Number 32 Deg. C	T/C Number 33 Deg. C	T/C Number 35 Deg. C	Mean Temp Deg. C
0	15	16	15	15	16	15	16	15
4	15	16	15	15	16	15	16	15
8	17	23	17	18	21	17	22	19
12	26	32	24	39	40	33	44	34
16	39	42	33	47	47	39	50	42
20	46	55	38	54	62	44	61	51
24	60	75	49	67	77	55	74	65
28	72	104	61	75	104	65	100	83
32	76	119	69	78	130	71	131	96
36	80	153	74	79	161	73	163	112
40	82	164	77	92	167	76	171	118
44	89	169	84	99	170	81	175	124
48	100	168	89	104	170	85	173	127
52	102	167	93	110	172	88	175	130
56	103	167	95	111	176	90	174	131
60	104	169	97	113	179	93	178	133
64	105	171	98	113	181	92	179	134
68	106	174	101	120	185	93	183	137
72	108	176	104	124	188	96	187	140
76	111	180	105	126	191	97	192	143
79	113	183	107	126	196	100	196	146
80	113	185	108	123	196	102	198	146
84	115	187	109	127	202	104	201	149
88	117	190	112	130	203	103	203	151
92	119	195	115	130	208	106	207	154
93	119	195	116	131	208	106	208	155
94	119	196	117	133	210	106	210	156
96	121	198	118	133	212	108	213	158
100	122	199	119	136	214	109	214	159
104	123	200	120	137	214	110	215	160
108	123	199	120	137	215	110	214	160
112	125	202	121	137	216	112	217	161
116	127	204	122	138	217	112	218	163
120	129	208	124	140	221	114	220	165
124	130	213	126	143	224	114	224	168
128	132	219	128	141	228	117	226	170
132	134	222	130	146	229	116	230	172

Individual temperatures recorded on the unexposed surface adjacent to Specimen B

Time Mins	T/C Number 25 Deg. C	T/C Number 29 Deg. C	T/C Number 30 Deg. C	T/C Number 34 Deg. C
0	14	15	14	15
4	14	15	14	14
8	14	15	14	14
12	15	15	17	15
16	16	16	21	15
20	18	17	24	17
24	21	18	30	18
28	24	21	37	21
32	29	25	43	25
36	34	29	46	29
40	38	34	51	32
44	42	38	53	36
48	44	41	55	38
52	46	44	57	40
56	48	46	58	43
60	50	48	59	45
64	52	50	60	46
68	53	52	61	47
72	55	53	63	49
76	56	54	65	50
79	57	55	64	52
80	57	56	64	52
84	59	57	65	53
88	60	58	66	54
92	61	60	66	56
93	61	60	67	56
94	61	60	67	56
96	62	60	67	57
100	63	62	68	58
104	64	62	69	59
108	65	63	69	60
112	65	64	69	61
116	66	65	70	61
120	67	66	70	62
124	68	66	71	63
128	69	67	71	64
132	69	68	72	64

Individual and mean temperatures recorded on the unexposed surface of Specimen C

Time Mins	T/C Number 12 Deg. C	T/C Number 13 Deg. C	T/C Number 14 Deg. C	T/C Number 19 Deg. C	T/C Number 20 Deg. C	T/C Number 21 Deg. C	T/C Number 24 Deg. C	Mean Temp Deg. C
0	16	16	15	17	16	16	16	16
4	15	16	15	17	16	16	16	16
8	18	23	17	19	21	19	26	20
12	27	33	28	30	36	36	45	34
16	34	43	37	39	44	46	54	42
20	41	53	41	46	57	54	67	51
24	52	70	51	56	69	65	83	64
28	62	82	62	64	77	72	111	76
32	68	111	69	69	102	75	147	92
36	72	140	72	72	119	77	166	103
40	75	151	74	75	147	80	177	111
44	78	166	76	77	153	94	183	118
48	86	175	83	79	161	101	184	124
52	94	175	89	83	168	104	186	128
56	105	185	96	91	175	109	187	135
60	117	194	107	99	184	114	190	144
61	120	195	111	101	184	116	192	146
62	122	199	114	103	188	117	194	148
64	127	200	119	106	190	121	195	151
66	132	205	124	110	192	123	199	155
67	133	206	128	113	193	125	199	157
68	136	209	130	116	195	127	201	159
72	144	215	139	125	201	134	206	166
76	150	219	146	138	204	139	210	172
80	155	226	153	147	210	144	211	178
84	158	229	158	153	212	147	215	182
88	166	232	162	160	217	151	218	187
92	171	235	167	165	222	156	221	191
96	177	242	175	170	226	160	224	196
100	182	242	180	176	230	163	226	200
104	188	246	189	185	233	167	233	206
108	196	244	198	195	231	169	235	210
112	207	247	205	201	232	172	231	214
116	219	248	215	213	235	177	233	220
120	205	249	225	225	238	180	236	223
124	219	249	234	238	235	186	242	229
128	152	241	248	*	229	189	235	196
132	106	228	251	*	231	193	234	189

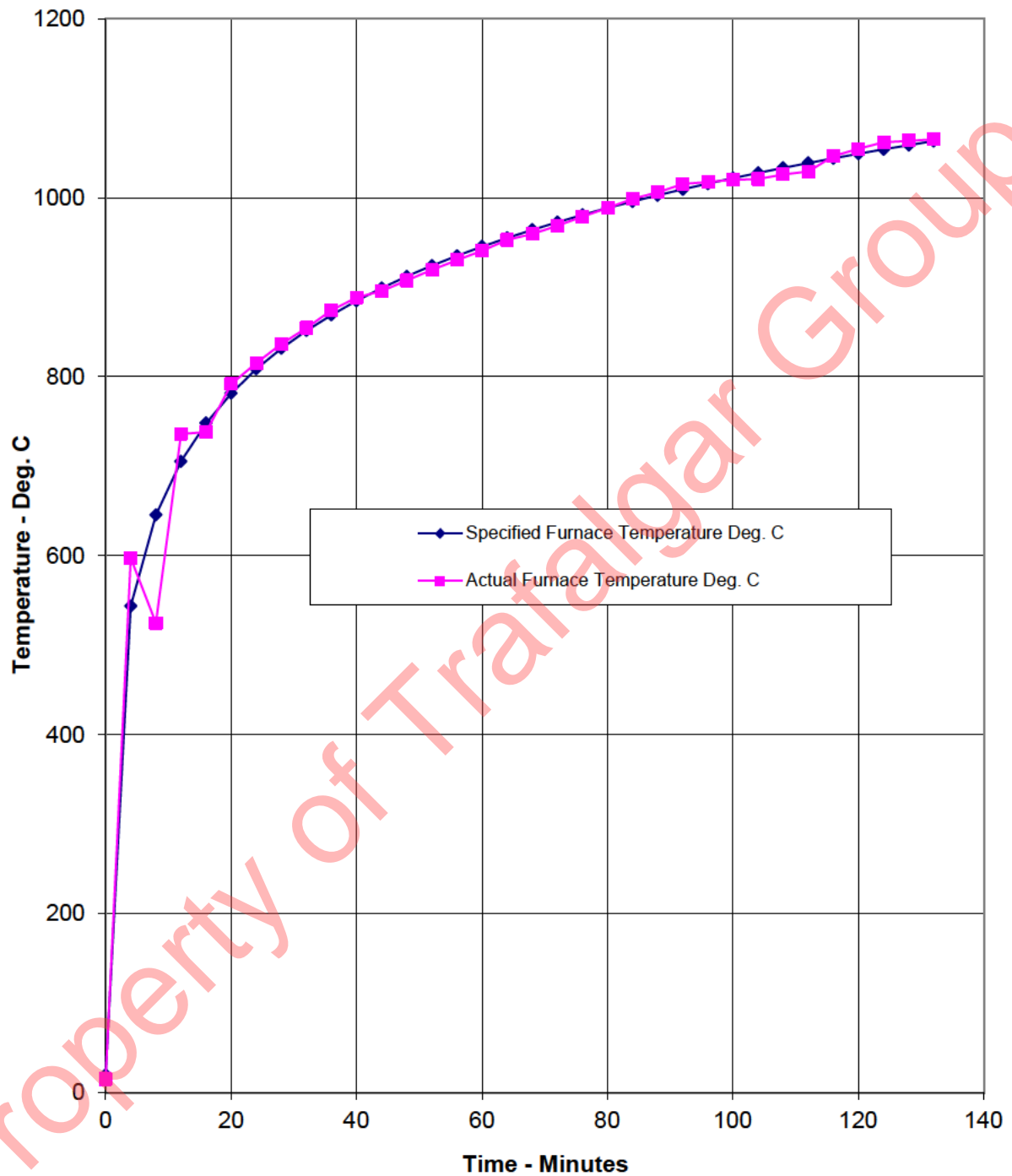
*Thermocouple malfunction

Individual temperatures recorded on the unexposed surface adjacent to Specimen C

Time Mins	T/C Number 10 Deg. C	T/C Number 11 Deg. C	T/C Number 15 Deg. C	T/C Number 16 Deg. C	T/C Number 17 Deg. C	T/C Number 18 Deg. C	T/C Number 22 Deg. C	T/C Number 23 Deg. C
0	16	16	16	14	21	17	15	15
4	15	16	15	14	21	16	15	14
8	16	16	15	14	21	17	15	14
12	16	17	14	14	20	17	16	15
16	16	17	12	14	20	19	17	15
20	17	20	13	14	19	20	18	15
24	17	21	11	15	19	21	20	15
28	17	24	10	15	18	22	22	15
32	17	26	7	15	18	24	25	16
36	18	29	6	17	18	25	27	16
40	18	32	5	19	17	27	29	16
44	18	33	32	25	18	28	30	17
48	19	35	34	31	18	28	32	18
52	20	35	36	35	17	30	32	18
56	21	37	36	39	17	31	34	18
60	23	39	37	42	*	33	36	19
61	24	39	37	43	*	33	37	19
62	24	39	37	44	*	34	38	19
64	25	40	37	44	*	34	39	20
66	27	42	38	46	15	35	40	20
67	28	42	38	46	15	35	40	21
68	29	43	38	47	*	35	41	21
72	33	46	40	49	*	37	44	22
76	38	49	42	50	*	39	46	24
80	42	52	44	50	*	43	50	25
84	46	55	46	52	*	46	52	27
88	50	59	47	56	*	51	55	30
92	54	62	46	59	*	54	59	32
96	57	66	46	61	*	59	62	35
100	59	69	45	61	*	63	65	37
104	60	72	46	62	48	66	67	39
108	64	76	47	62	52	69	68	41
112	66	81	48	63	61	74	70	43
116	69	87	50	62	67	78	71	45
120	69	87	52	62	71	84	71	47
124	69	90	54	62	73	86	72	49
128	62	57	63	63	62	52	73	51
132	62	57	71	62	58	61	74	54

*Thermocouple malfunction

Graph showing mean furnace temperature, together with the temperature/time relationship specified in AS 1530.4:2014



Graph showing recorded furnace pressure 450 mm below the floor construction



On-going Implications

Limitations

The results of these fire tests may be used to directly assess hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

This report details the method of construction, the test conditions and the results obtained when the specific elements of construction described herein was tested following the procedure outlined in AS 1530.4:2014. Any significant variation with respect to size, constructional details, loads, stresses, edge or end conditions other than those allowed under the field of direct application in the relevant test method is not covered by this report.

The results of these fire tests may be used to directly assess hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

EGOLF

Certain aspects of some fire test specifications are open to different interpretations. EGOLF has identified a number of such areas and have agreed Resolutions which define common agreement of interpretations between fire test laboratories which are members of the Groups. Where such Resolutions are applicable to this test they have been followed

Permissible Variations To The Tested Specimen

Control Joints

The following variations are permitted:

(a) Results obtained from single test on a butt joints may be applied to contoured joints,

provided the joints have—

(i) equal width and equal or greater depth of sealant; and

(ii) equal or greater thickness of fire-separating element.

NOTE: Examples of butt and contoured control joints are shown in Figure 10.12.6.

(b) Facings may be applied to the surface of the fire-stopping system.

Property of Trafalgar Group

Sample Report



Sample Report

This report provides a record of the information relating to samples taken by Warringtonfire Testing and Certification Limited trading, or its agent, for certification of the products detailed below.



Job No.	FM 432018
Manufacturer	Siderise Insulations Ltd
Manufacturing site	Forge Industrial Estate, Maesteg, Bridgend, CF34 0AY
Place of sampling	As above
Traceability information	<p>Date/time of production: 14th August 2020. Production unit/line: HSL Batch number: Manufactured from [REDACTED] - XFS 75 (WO53686), XFS 90 (WO53687), XFS 120 (WO53688).</p> <p>1 x Pallet – Delivery Note No.0005327346 directly from Knauf – Product No.2361471 SK Fire-tek Beam Column FF – 25 off.</p> <p>Shift: Days</p>
Product Number/ Description	<p>[REDACTED] 75mm Thick Non Rebated Fire Slab XFS/075/1.2-1.2/NR 90mm Thick Non Rebated Fire Slab XFS/090/1.2-1.2/NR 120mm Thick Non Rebated Fire Slab XFS/090/1.2-1.2/NR</p>
Marking of the product by the manufacturer e.g. label, batch number and date of manufacture	<p>Product name, Company name, Company contact details. Label with date, NB1121& signature by the auditor on the day of manufacture.</p> <p>1 x Pallet – W/O No.53686 - [REDACTED] - 26 slabs - 75mm x 1200mm x 1200mm – XFS/075/1.2-1.2/NR</p> <p>1 x Pallet – W/O No.53687 - [REDACTED] - 22 slabs - 90mm x 1200mm x 1200mm – XFS/090/1.2-1.2/NR</p> <p>1 x Pallet – W/O No.53688 - [REDACTED] - 16 slabs - 120mm x 1200mm x 1200mm – XFS/120/1.2-1.2/NR</p> <p>1 x Pallet – Delivery Note No.0005327346 directly from [REDACTED] – 25 off.</p>
Marking of the samples by Warringtonfire Testing and Certification Limited	<p>Job No: WF FM432018 Date: 14th August 2020 NB 1121 O/N Signature or initials: D.Thomas</p>

Warringtonfire Testing and Certification Limited
 Registered Office: 10 Lower Grosvenor Place, London, United Kingdom, SW1W 0EN.
 Company Registration No.11371436

Doc. Ref. EWC-QU-FT-90 (Issue 3 – 29/11/2018)



Stock/batch quantity from which samples selected and sample quantity	Manufactured during the presence of the auditor. Photographs taken of product type.
Results of tests and/or inspections during manufacture	Confirmed dimensions and type during sampling visit. Checked BOM for final product make-up.
Essential Characteristics to be tested ie. Test reference	Fire test to be carried – date and location yet to be decided.
Samples to be dispatched by manufacturer to *** within *** weeks/month(s)	Date is yet to be arranged.
Date of sampling	14 th August 2020
Warringtonfire Testing and Certification Limited notified body number	1121

Signed:  (for and on behalf of Manufacturer)	Signed:  (for and on behalf of Warringtonfire Testing and Certification Limited)
Print: Carol Gilbert	Print: David Thomas
Date: 14 th August 2020	Date: 14 th August 2020

Reviewed S. Holles

17.9.2020

Warringtonfire Testing and Certification Limited
Registered Office: 10 Lower Grosvenor Place, London, United Kingdom, SW1W 0EN.
Company Registration No. 11371436

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2 of 2