

Fire resistance test report

Issuing laboratory: Warringtonfire Testing and Certification Limited

Test standard: BS EN 1366-4:2021

Test sponsor: Timloc Building Products

Timloc House
Ozone Park
Howden
East Riding of Yorkshire
DN14 7SD

Product: Four Specimens of Linear Gap Sealing Systems

Report number: 550654/R

Test date: 16 April 2025

Issue: 2

Registered Laboratory:

Warringtonfire
Holmesfield Road
Warrington
Cheshire
WA1 2DS
United Kingdom

Controlled document no. 112339

Warringtonfire, accredited for compliance with ISO/IEC 17025:2017 – Testing



Approved Body Number 0833

Controlled document version no. 4



Controlled document date: 19 Feb 2025

Summary of Tested Specimen

For the purpose of the test the wall specimens were referenced A and B, and the floor specimens were referenced C and D.

The section of wall had overall dimensions 1810 mm high by 1810 mm wide by 150 mm thick and was made up of autoclaved aerated concrete lintels arranged to provide two cavities of various widths and of 600 mm deep and of length 1200 mm.

The section of floor had overall dimensions 2250 mm long by 1750 mm wide by 150 mm thick and was made up of autoclaved aerated concrete lintels arranged to provide two cavities of various widths and of 600 mm depth and of length 1200 mm

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

Wall specimens

Specimen	Substrate	Seal Details
A	Autoclaved aerated concrete to Orientated Strand Board	65 mm wide by 1200 mm long aperture sealed with a 65 mm wide by 1200 mm long by 65 mm deep barrier of reference 'TIMFRSTOP50' and stated density 40kg/m ³ , enclosed in a polythene sleeve. The barrier was friction fitted 275 mm from the unexposed face with 15 mm compression across the width and a butt joint at 890 mm. A board of OSB of dimensions 1200 mm long by 600 mm high by 15 mm thick was installed to one side of the aperture.
B	Autoclaved aerated concrete to Orientated Strand Board	90 mm wide by 1200 mm long aperture sealed with a 100 mm wide by 1200 mm long by 75 mm deep barrier of reference 'TIMFRSTOP75' and stated density 40kg/m ³ , enclosed in a polythene sleeve. The barrier was friction fitted 275 mm from the unexposed face with 25 mm compression across the width and a butt joint at 890 mm. A board of OSB of dimensions 1200 mm long by 600 mm high by 15 mm thick was installed to one side of the aperture.

Floor
specimens

Specimen	Substrate	Seal Details
C	Autoclaved aerated concrete to Orientated Strand Board	65 mm wide by 1200 mm long aperture sealed with a 65 mm wide by 1200 mm long by 65 mm deep barrier of reference 'TIMFRSTOP50' and stated density 40kg/m^3 , enclosed in a polythene sleeve. The barrier was friction fitted 275 mm from the unexposed face with 15 mm compression across the width and a butt joint at 890 mm. A board of OSB of dimensions 1200 mm long by 600 mm high by 15 mm thick was installed to one side of the aperture.
D	Autoclaved aerated concrete to Orientated Strand Board	90 mm wide by 1200 mm long aperture sealed with a 100 mm wide by 1200 mm long by 75 mm deep barrier of reference 'TIMFRSTOP75' and stated density 40kg/m^3 , enclosed in a polythene sleeve. The barrier was friction fitted 275 mm from the unexposed face with 25 mm compression across the width and a butt joint at 900 mm. A board of OSB of dimensions 1200 mm long by 600 mm high by 15 mm thick was installed to one side of the aperture.

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.

Test Results

Integrity It is required that the specimen retains its separating function, without either causing ignition of a cotton pad when applied as specified in BS EN 1363-1: 2020 or resulting in sustained flaming on the unexposed surface.

Insulation The requirements of the standard are that the maximum temperature rise shall not be greater than 180°C. Insulation failure also occurs simultaneously with integrity failure as specified in BS EN 1363-1: 2020.

Test Results

Specimen	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained flaming	
A	67*	67*	67*
B	67*	67*	67*
C	67*	67*	34
D	67*	67*	52

*Test was discontinued after a period of 67 minutes.

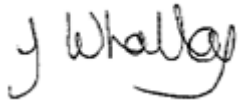
Date of Test 16 April 2025

Location of Test Element Materials Technology, 722 Birchwood Park, Warrington WA3 6FW, United Kingdom

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Quality Management

Issue No: 1		Issue Date: 25 June 2025	
Responsible Officer:	M. Rana*	Approved By:	G. Edmonds*
	Technical Officer		Senior Technical Officer
			

Issue No: 2		Issue Date: 10 July 2025	
Responsible Officer:	M. Rana*	Approved By:	J. Whalley*
	Technical Officer		Testing Manager – Fire Stopping
			

Reasons for revision:

- Duplicate 'mm' removed from the Summary of tested specimens' section for Specimen B in the seal description box on page 2.
- Replaced the duplicate furnace temperature graph erroneously added with the furnace data table on page 26.
- Fixed a formatting issue on the table for Specimen D on page 30.

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

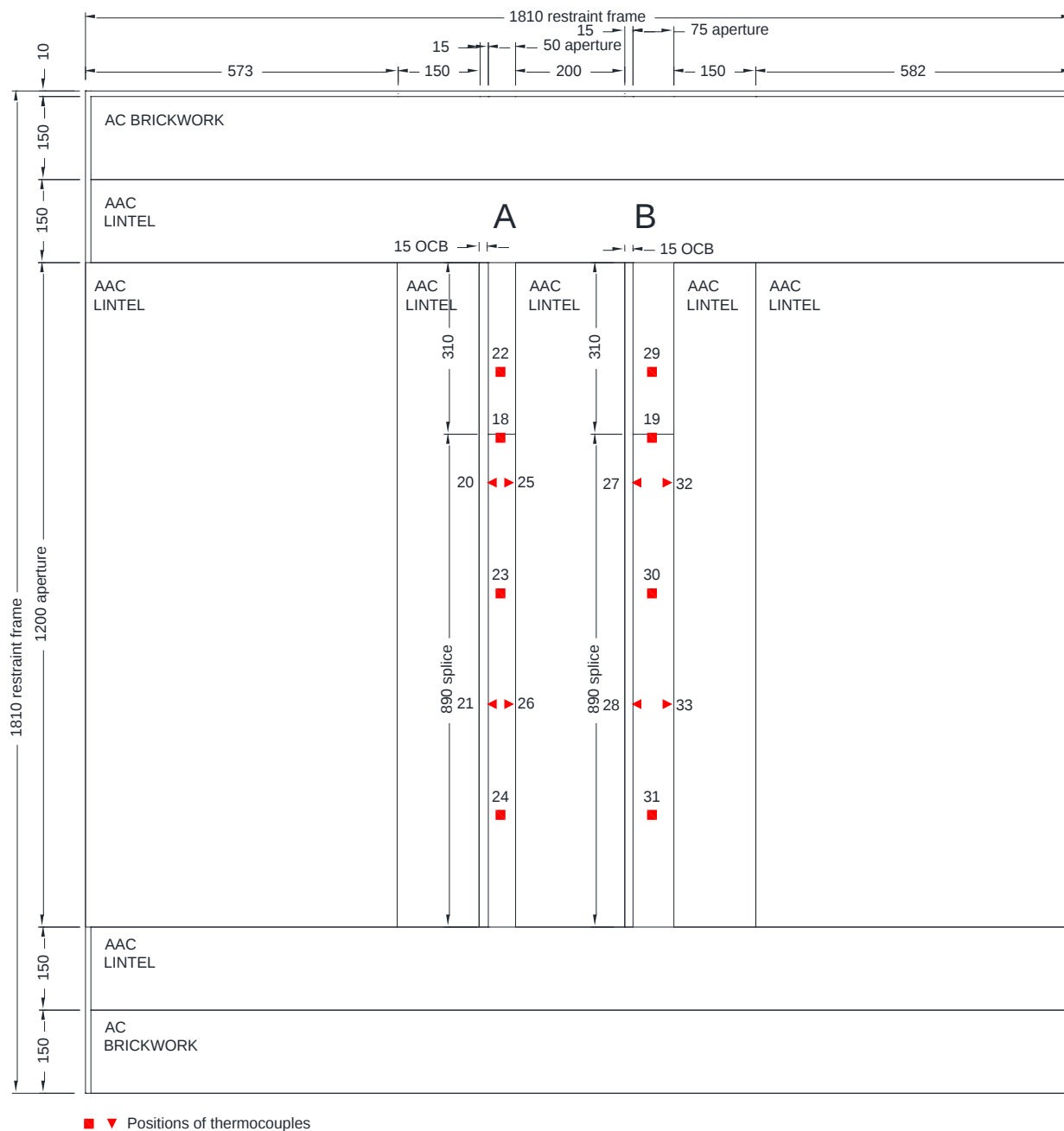
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Test Conditions

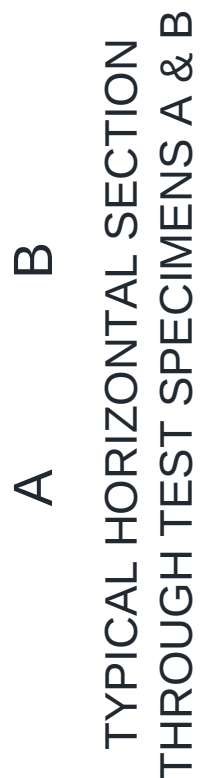
Standard	In accordance with BS EN 1366-4: 2021 Fire resistance tests for service installations – Part 4: Linear joint seals.
Sampling	Warringtonfire was not involved in the sampling or selection of the tested specimen or any of the components. The results obtained during the test only apply to the test samples as received and tested by Warringtonfire.
Installation	The wall and floor assembly were constructed by representatives of Warringtonfire between the 01 April 2025 and the 04 April 2025. The linear joint seals were supplied and installed by representatives of the Test Sponsor between the 04 April 2025 and the 07 April 2025.
Conditioning	The specimen's storage, construction, and test preparation took place in the test laboratory over a total, combined time of 16 days. 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 13°C to 24°C and 25% to 53% respectively.
Instruction to Test	The test was conducted on the 16 April 2025 at the request of Timloc Building Products, the Test Sponsor. Mr S. Bishop and Mr J Gijo, both representatives of the Test Sponsor witnessed the test.
Ambient Temperature	The ambient air temperature in the vicinity of the test construction was 18°C at the start of the test with a maximum variation of +5°C during the test.
Furnace	The furnace was controlled so that its mean temperature complied with the requirements of BS EN 1363-1: 2020 Clause 5.1 using four plate thermometers, distributed over a plane 100 mm from the surface of the vertical test construction and four plate 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 Figures 1 and 4.
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 BS EN 1366-4: 2021, clause 5.2. The calculated pressure differential relative to the laboratory atmosphere at a position 100 mm below the underside of the floor assembly the differential pressure was calculated to be 20 (±5) Pa between 5 and 10 minutes and (±3) Pa respectively thereafter. Due to the nature of the test and required temperature adjustments during the test, occasionally the recorded pressure differential was outside the specified limits for short durations of time. The effect of such fluctuation can be neglected.

Test Specimen Drawings

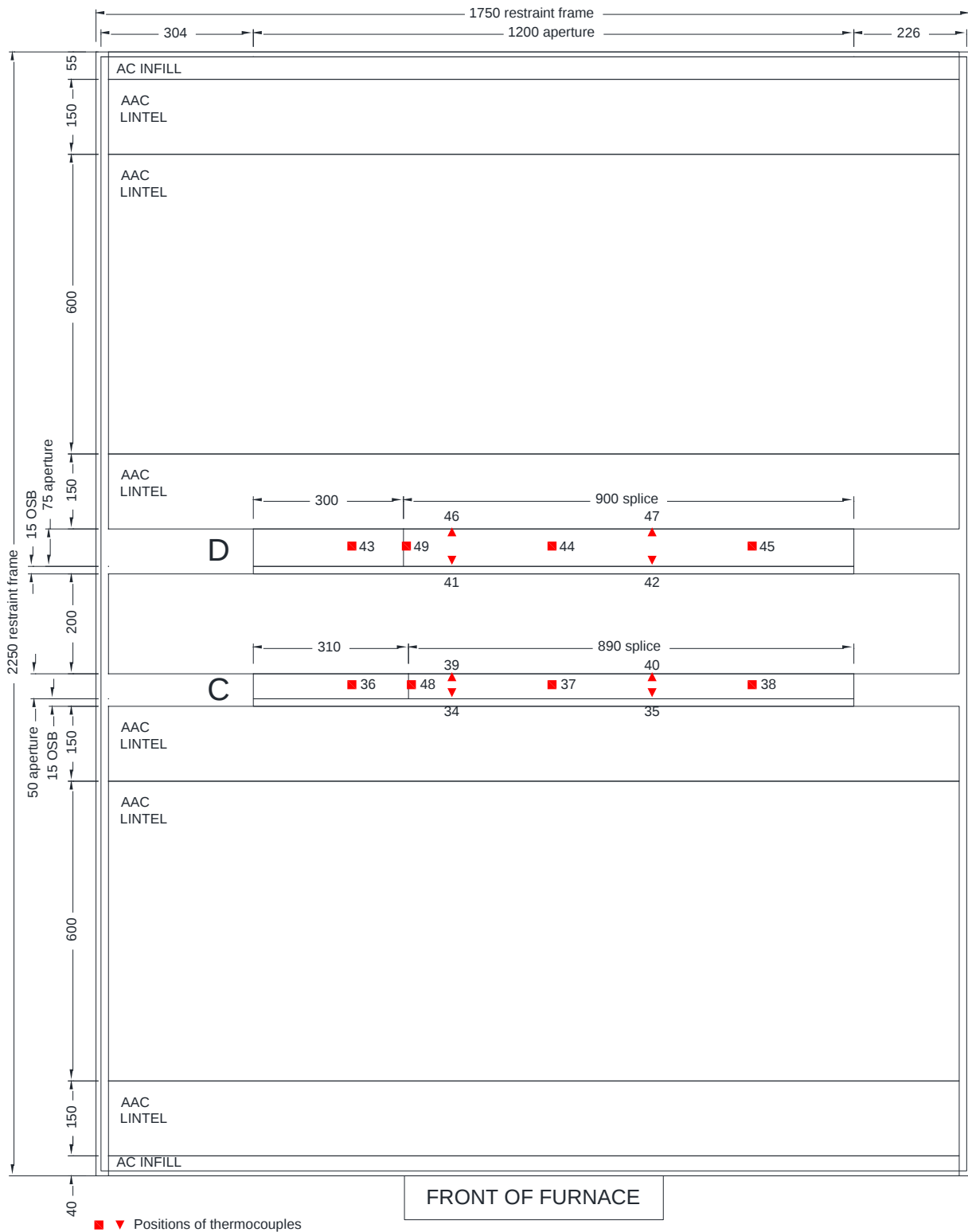


GENERAL ELEVATION OF UNEXPOSED FACE

Figure 1. General elevation of unexposed face showing thermocouple positions



Test date: 16/04/2025
Test standard: BS EN 1366-4:2021
Test sponsor: Timloc Building Products
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GENERAL PLAN OF UNEXPOSED FACE SHOWING THERMOCOUPLE POSITIONS

Figure 3. General Plan of unexposed face showing thermocouple positions

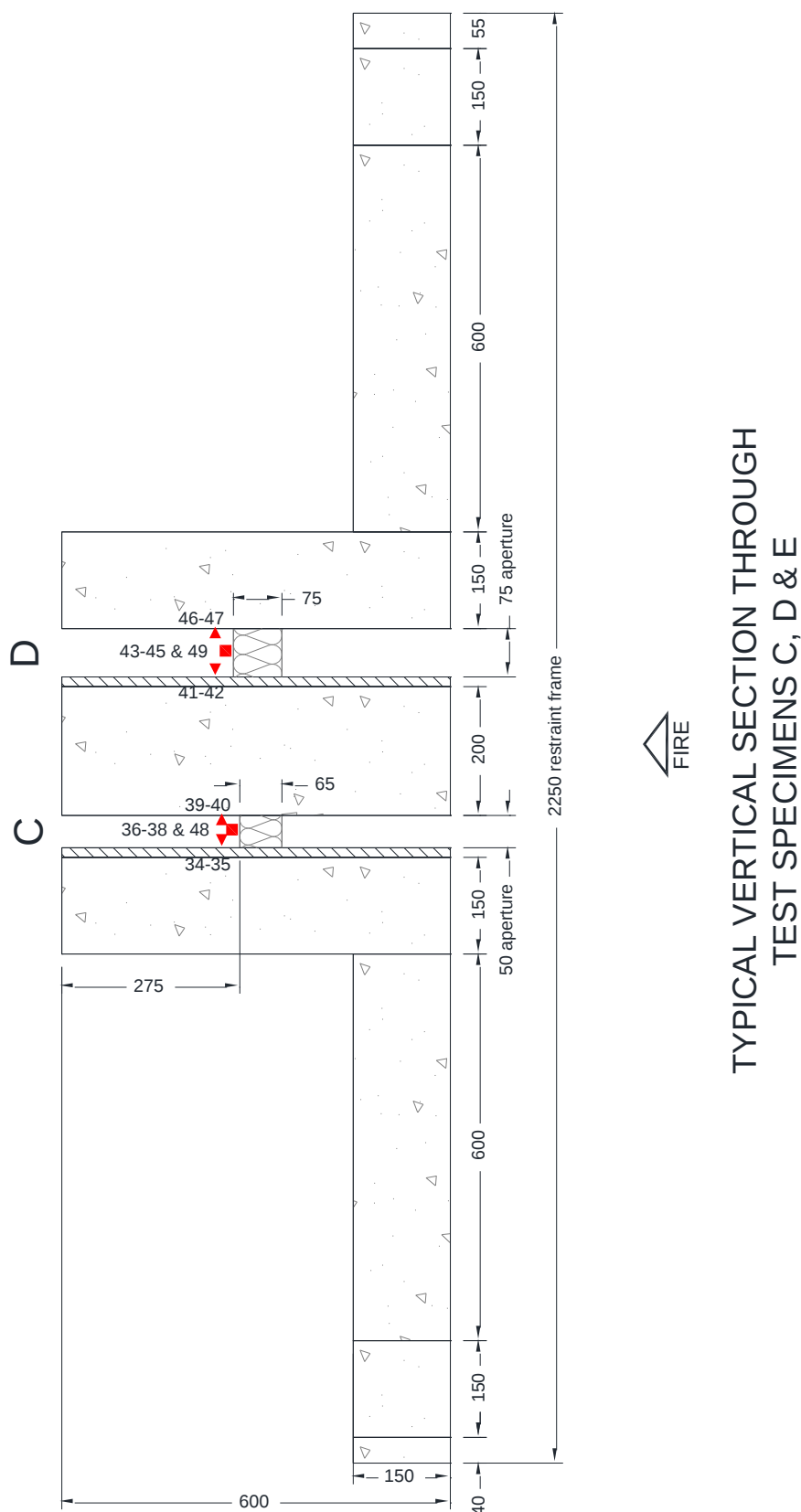


Figure 4. Typical vertical section through test specimens C & D

Samples A / C

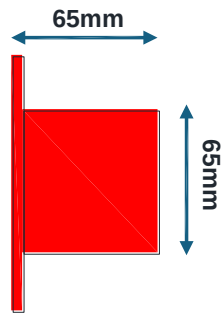
TIMFRSTOP50

50mm cavity width

Construction Masonry (AAC) – Timber (OSB)

Knauf Fabrication Slab (40kg/m³) enclosed in polythene sleeve

Two pieces spliced to fit into 1200mm length aperture



Samples B / D

TIMFRSTOP75

75mm cavity width

Construction Masonry (AAC) – Timber (OSB)

Knauf Fabrication Slab (40kg/m³) enclosed in polythene sleeve

Two pieces spliced to fit into 1200mm length aperture

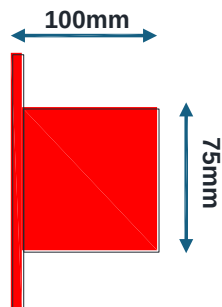


Figure 5. Client drawings of test specimens A, B, C, D

Schedule of Components

Table 1. details the schedule of components which describes the test specimen and lists the components used in the construction of the test specimen. These were provided by the test sponsor and surveyed by Warringtonfire.

All measurements were verified by Warringtonfire unless stated otherwise in the schedule of components. All components marked with an “*” have not been verified by Warringtonfire.

Table 1. Schedule of components

1. Framework

1. Specimen A (wall)	
Aperture size	1200 mm long x 50 mm wide
Manufacturer	Timloc
Reference	TIMFRSTOP50
Material	Knauf Fabrication slab enclosed in polythene sleeve
Density	40 kg/m ³ (stated)
Overall thickness	65 mm
Overall size	1200 mm long (butt-jointed at 900 mm and 310 mm) x 65 mm wide x 65 mm thick.
Fixing Method	Compression-fitted into the aperture with 15 mm compression across the width and 10 mm compression along the length. Cut to size and butt jointed when installed.
2. Specimen B (wall)	
Aperture size	1200 mm long x 75 mm wide
Manufacturer	Timloc
Reference	TIMFRSTOP75
Material	Knauf Fabrication slab enclosed in polythene sleeve
Density	40 kg/m ³ (stated)
Overall thickness	65 mm
Overall size	1200 mm long (butt-jointed at 900 mm and 310 mm) x 100 mm wide x 75 mm thick
Fixing Method	Compression-fitted into the aperture with 25 mm compression across the width and 10 mm compression along the length. Cut to size and butt jointed when installed.
3. Specimen C (floor)	
Aperture size	1200 mm long x 50 mm wide
Manufacturer	Timloc

Reference	TIMFRSTOP50
Material	Knauf Fabrication slab enclosed in polythene sleeve
Density	40 kg/m ³ (stated)
Overall thickness	65 mm
Overall size	1200 mm long (butt-jointed at 900 mm and 310 mm) x 65 mm wide x 65 mm thick.
Fixing Method	Compression-fitted into the aperture with 15 mm compression across the width and 10 mm compression along the length. Cut to size and butt jointed when installed.

4. Specimen D (floor)

Aperture size	1200 mm long x 75 mm wide
Manufacturer	Timloc
Reference	TIMFRSTOP75
Material	Knauf Fabrication slab enclosed in polythene sleeve
Density	40 kg/m ³ (stated)
Overall thickness	65 mm
Overall size	1200 mm long (butt-jointed at 900 mm) x 100 mm wide x 75 mm thick
Fixing Method	Compression-fitted into the aperture with 25 mm compression across the width. Cut to size and butt jointed when installed.

2. Supporting Construction

5. OSB Timber

Material	OSB
Density	600 kg/m ³ (stated)
Thickness	15 mm
Fixing Method	Through fixed to concrete lintel using screws
Fixings	
i. type	Multipurpose Gold Screw
ii. size	100 mm long x 5 mm diameter
iii. centres	500 mm

6. AAC Concrete Lintel (supplied by Warringtonfire)

AAC Concrete Lintel	Morgan Advanced Materials
Type	Steel reinforced concrete lintel
Material	Steel reinforced autoclaved aerated concrete

Overall size	150 mm wide x 600 mm high x 1800 mm long 150 mm wide x 600 mm high x 1200 mm long 200 mm wide x 600 mm high x 1200 mm long 150 mm wide x 582 mm high x 1200 mm long 150 mm wide x 573 mm high x 1200 mm long 150 mm wide x 150 mm high x 1695 mm long 150 mm wide x 600 mm high x 1695 mm long 200 mm wide x 600 mm high x 1695 mm long
Density	550 - 650 kg/m ³
5. Masonry blockwork (supplied by Warringtonfire)	
Material	Autoclaved aerated concrete blocks
Thickness	150 mm.
Density	882 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.
03	05	Smoke / Steam release on the floor Specimen from both barriers.
04	15	Smoke / Steam release on full length of both specimens C and D at the location where the OSB and barrier interface.
11	25	Smoke / Steam release continuously from specimens A and B along the full length of the OSB and barrier interface on A, and approximately ½ length on specimen B.
15	45	Smoke / Steam release from the full length of Specimen A adjacent to the OSB.
30	45	Darkening observed on the AAC on Specimen C behind the OSB where it is fixed to the AAC.
32	05	Moisture observed and condensation observed behind the polythylene bag on all four barriers.
41	10	Increased smoke / steam release and considerable darkening observed on Specimen A at the base of the AAC build, and smoke / steam release from both OSB on the left and the AAC on the right to the barrier.
49	25	Darkening observed on both specimens A and B at the splice locations.
52	55	Small glowing observed on Specimen C at the barrier interface with the OSB and at the middle TC 37 location.
58	35	Cotton pad applied on Specimen C at the site of glowing; no observation recorded therefore integrity failure is deemed not to have occurred.
61	45	Cotton pad applied on Specimen A at the head; no observation recorded therefore integrity failure is deemed not to have occurred.
65	15	Glowing on Specimen C as increased in size.
65	30	When viewed from the exposed face, the OSB has fully burnt away on both specimens A and B.
67	05	Test discontinued at the test sponsor's request.

Test Photographs

The exposed face of the wall assembly prior to testing



The exposed face of the floor assembly prior to testing



The unexposed face of the wall assembly prior to the start of the test



The unexposed face of the wall assembly after a test duration of 10 minutes



The unexposed face of the floor assembly after a test duration of 10 minutes



The unexposed face of the wall assembly after a test duration of 20 minutes



The unexposed face of the floor assembly after a test duration of 20 minutes



The unexposed face of the wall assembly after a test duration of 30 minutes



The unexposed face of the floor assembly after a test duration of 30 minutes



The unexposed face of the wall assembly after a test duration of 40 minutes



The unexposed face of the floor assembly after a test duration of 40 minutes



The unexposed face of the wall assembly after a test duration of 50 minutes



The unexposed face of the floor assembly after a test duration of 50 minutes



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 60 minutes



The exposed face of the wall assembly immediately after the test



The exposed face
of the floor
assembly
immediately after
the test



Test Data

Mean furnace temperature, together with the temperature/time relationship specified in BS EN 1363-1: 2020

Time Minutes	Specified Furnace Temperature Deg. C	Actual Furnace Temperature Deg. C
0	20	20
2	445	288
4	544	460
6	603	577
8	645	623
10	678	661
12	705	694
14	728	719
16	748	739
18	766	757
20	781	775
22	796	787
24	809	803
26	820	814
28	831	827
30	842	835
32	851	846
34	860	855
36	869	866
38	877	874
40	885	882
42	892	889
44	899	897
46	906	904
48	912	911
50	918	917
52	924	924
54	930	929
56	935	935
58	940	940
60	945	946
62	950	951
64	955	955
66	960	959
67	962	960

Individual temperatures recorded on the unexposed surface of and adjacent to Specimen A

Time Minutes	T/C Number 20 Deg. C	T/C Number 21 Deg. C	T/C Number 22 Deg. C	T/C Number 18 Deg. C	T/C Number 23 Deg. C	T/C Number 24 Deg. C	T/C Number 25 Deg. C	T/C Number 26 Deg. C
0	17	17	17	16	17	17	17	17
2	17	17	18	44	17	18	18	17
4	19	17	29	59	22	24	19	18
6	21	18	39	65	27	32	21	19
8	23	19	45	51	30	36	22	20
10	26	22	51	62	35	42	24	22
12	30	27	58	66	44	50	28	26
14	32	30	57	64	45	48	30	27
16	34	32	63	66	49	53	32	28
18	36	34	67	71	54	59	36	30
20	38	36	69	73	57	62	38	32
22	40	38	72	76	61	66	40	33
24	43	41	74	78	64	69	42	35
26	44	43	76	78	65	71	43	36
28	46	45	77	77	67	75	45	39
30	48	47	79	76	70	77	46	41
32	50	49	80	77	72	79	48	43
34	52	50	81	77	73	80	50	44
36	54	51	82	77	74	82	51	46
38	57	52	84	75	76	82	52	48
40	59	54	84	76	76	83	53	49
42	62	56	85	77	77	83	55	50
44	64	58	86	77	77	83	56	51
46	66	59	88	76	78	84	57	51
48	72	61	90	74	78	84	58	52
50	75	63	91	69	79	84	59	52
52	77	65	93	68	80	85	59	53
54	79	66	94	69	80	85	59	53
56	81	67	96	68	79	85	60	54
58	82	69	96	66	79	84	61	54
60	84	70	97	66	80	85	62	55
62	87	72	100	70	81	86	63	56
64	90	73	102	73	81	86	64	57
66	91	74	103	72	81	85	65	56
67	91	74	103	72	81	85	65	57

Individual temperatures recorded on the unexposed surface of and adjacent to Specimen B

Time Minutes	T/C Number 27 Deg. C	T/C Number 28 Deg. C	T/C Number 29 Deg. C	T/C Number 19 Deg. C	T/C Number 30 Deg. C	T/C Number 31 Deg. C	T/C Number 32 Deg. C	T/C Number 33 Deg. C
0	17	18	18	17	16	16	17	17
2	18	18	22	22	17	17	18	17
4	19	19	35	40	27	28	19	18
6	20	21	41	47	32	36	20	19
8	21	22	42	45	33	39	21	20
10	22	23	48	54	33	46	23	20
12	24	25	56	60	40	53	25	22
14	26	25	53	54	36	48	26	22
16	27	27	59	62	43	58	27	23
18	30	29	63	62	49	62	29	25
20	32	32	66	63	53	65	31	26
22	33	34	70	64	58	69	33	28
24	35	36	71	63	62	72	35	30
26	36	38	70	61	62	72	36	32
28	36	39	70	60	64	75	37	33
30	37	41	72	61	65	77	39	34
32	38	43	74	61	66	78	40	36
34	39	45	74	61	66	78	41	37
36	40	47	76	61	66	80	43	38
38	43	51	76	61	64	80	44	39
40	46	55	78	62	65	82	45	39
42	50	60	78	59	65	84	46	40
44	54	65	79	58	65	86	47	41
46	58	69	80	57	65	87	48	42
48	61	73	79	55	65	88	49	43
50	64	76	79	54	63	89	50	44
52	66	78	79	56	63	90	51	45
54	68	81	78	54	64	91	52	46
56	70	83	79	56	64	92	53	47
58	72	85	81	56	64	92	54	48
60	73	86	82	56	64	94	56	49
62	75	87	83	54	65	96	57	50
64	76	88	84	55	65	97	58	52
66	78	89	87	56	65	98	60	53
67	79	89	88	56	66	99	60	53

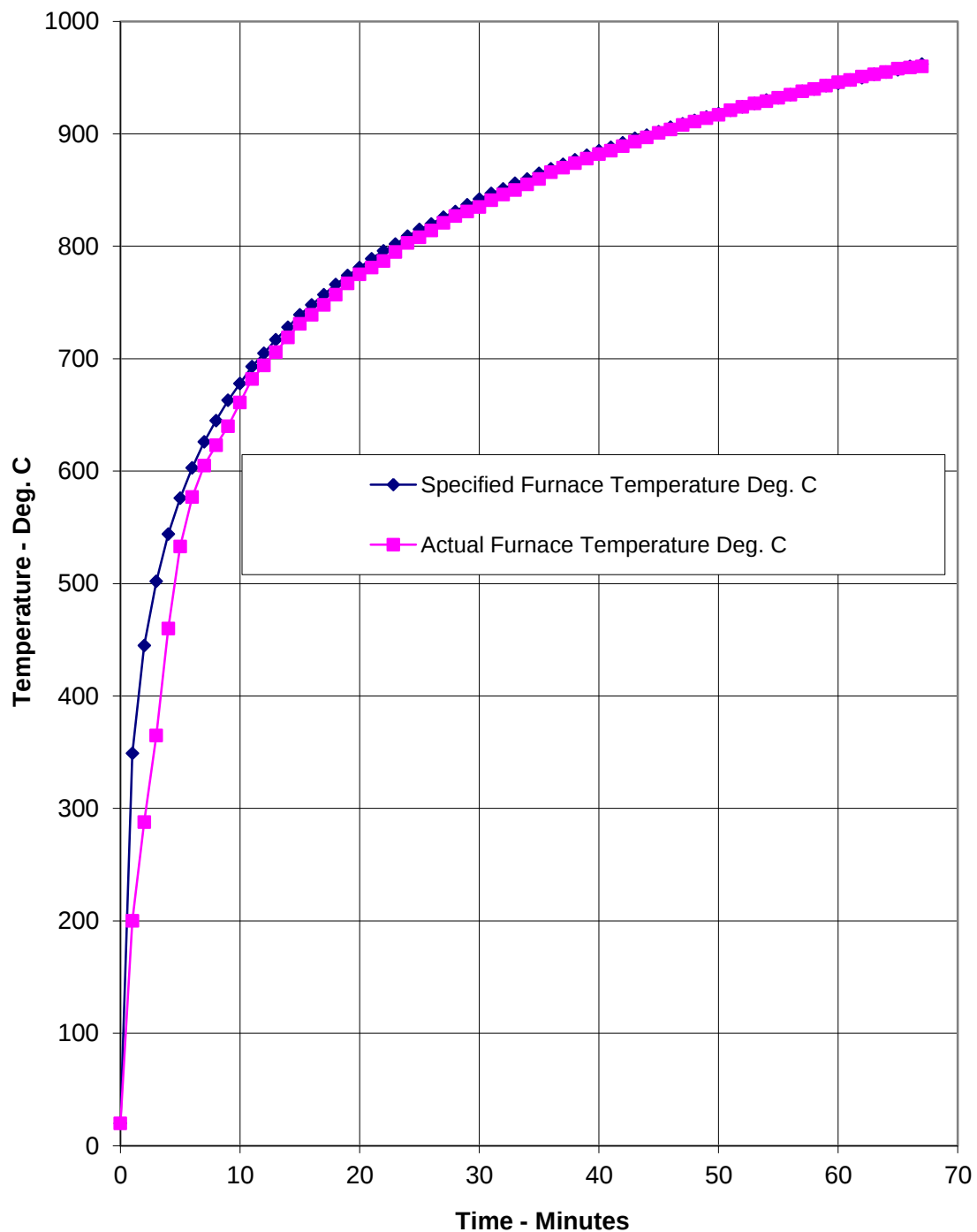
Individual temperatures recorded on the unexposed surface of and adjacent to Specimen C

Time Minutes	T/C Number 34 Deg. C	T/C Number 35 Deg. C	T/C Number 36 Deg. C	T/C Number 48 Deg. C	T/C Number 37 Deg. C	T/C Number 38 Deg. C	T/C Number 39 Deg. C	T/C Number 40 Deg. C
0	16	17	17	15	16	17	17	18
2	17	18	34	48	23	49	18	20
4	19	20	50	60	34	60	19	23
6	20	23	60	70	45	67	20	27
8	22	25	65	79	53	70	21	30
10	23	27	68	92	57	81	22	33
12	25	28	75	111	65	98	25	36
14	27	30	78	122	77	106	32	49
16	29	31	88	134	84	117	36	59
18	32	33	98	147	88	126	35	64
20	36	35	100	165	95	136	35	70
22	40	39	105	163	99	147	36	79
24	46	45	114	168	106	161	37	85
26	50	54	123	181	113	167	42	91
28	53	62	133	182	120	172	45	104
30	55	72	149	188	127	175	43	102
32	58	78	162	188	133	177	42	100
34	62	85	169	192	140	180	43	92
35	64	87	172	204	145	186	45	90
36	65	90	174	202	148	192	47	91
38	69	94	179	199	154	203	46	98
40	71	97	182	205	160	213	47	102
42	74	99	187	218	169	223	47	105
44	78	100	189	206	181	229	46	109
46	83	100	192	225	189	232	49	121
48	84	100	196	250	190	234	49	119
50	85	101	199	264	189	241	50	122
52	84	102	201	266	189	246	52	118
54	86	102	205	273	188	254	53	115
56	89	103	216	284	190	257	56	121
58	88	105	225	295	192	262	57	122
60	91	107	236	312	194	266	61	125
62	95	109	248	308	196	270	64	125
64	101	110	260	293	200	276	73	123
66	105	112	276	310	202	280	87	125
67	108	113	286	328	202	282	96	122

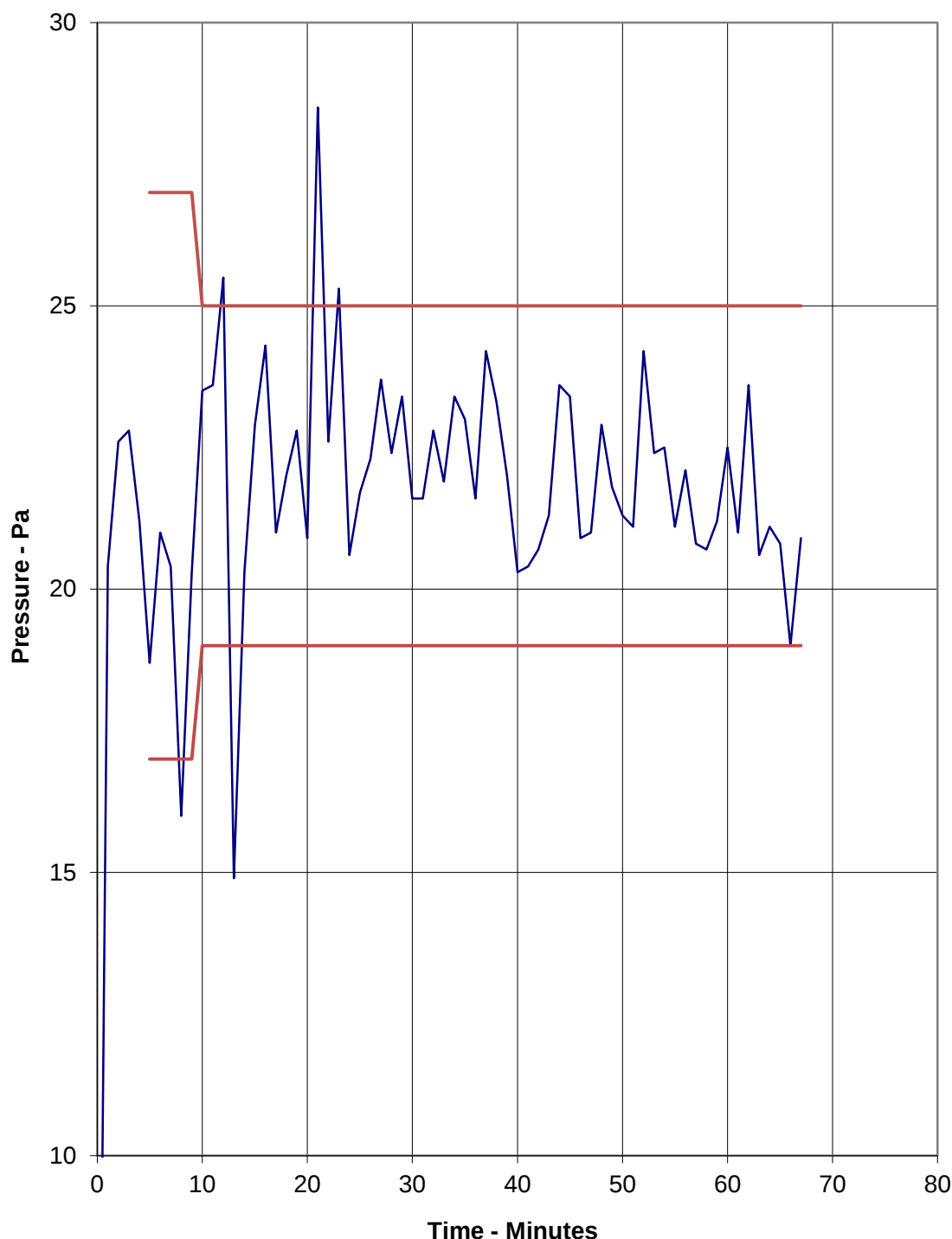
Individual temperatures recorded on the unexposed surface of and adjacent to Specimen D

Time Minutes	T/C Number 41 Deg. C	T/C Number 42 Deg. C	T/C Number 43 Deg. C	T/C Number 49 Deg. C	T/C Number 44 Deg. C	T/C Number 45 Deg. C	T/C Number 46 Deg. C	T/C Number 47 Deg. C
0	17	17	17	16	17	18	16	17
2	18	18	34	28	29	44	18	18
4	19	21	45	41	45	53	20	20
6	21	26	52	50	51	64	22	21
8	23	32	56	56	56	69	24	23
10	25	38	61	61	63	74	26	26
12	27	46	67	65	69	82	28	29
14	29	53	70	70	72	99	30	31
16	32	57	73	73	75	113	30	34
18	36	62	74	79	77	122	31	36
20	41	67	75	88	79	129	32	38
22	49	73	78	98	83	140	33	43
24	51	87	82	98	87	148	34	45
26	53	90	85	99	91	153	36	47
28	55	97	92	99	95	160	37	46
30	61	100	95	102	99	157	39	48
32	66	103	97	111	101	156	40	49
34	70	107	96	123	104	158	42	49
36	73	111	96	134	106	162	44	52
38	76	114	97	145	109	162	45	54
40	82	117	99	157	114	162	47	54
42	86	120	102	169	119	162	49	54
44	89	123	104	176	123	161	51	57
46	92	126	105	181	126	166	53	58
48	95	129	106	186	129	166	55	59
50	98	133	107	190	130	166	57	60
52	99	136	108	196	136	163	59	58
53	100	138	109	198	138	164	60	60
54	101	140	110	200	138	164	61	61
56	100	144	112	206	143	164	63	59
58	100	149	113	210	147	164	64	61
60	101	155	113	214	150	161	66	63
62	101	160	115	219	149	162	67	63
64	104	166	115	221	147	161	70	66
66	105	172	116	223	144	162	71	66
67	105	174	118	224	145	162	72	66

Graph showing mean furnace temperature, together with the temperature/time relationship specified in BS EN 1363-1: 2020



Graph showing recorded furnace pressure 100 mm below floor assembly



Due to the nature of the test and required temperature adjustments during the test, occasionally the recorded pressure differential was outside the specified limits for short durations of time. The effect of such fluctuation can be neglected.

On-going Implications

Validity

This document is the original version of this test report and is written in English. In case of doubt, the original version prevails over a translation. This document is issued subject to Warringtonfire's standard terms and conditions, which are available at: [Terms and Conditions | Element](#).

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criteria for assessing the potential fire hazard of the product in use, nor can the results be extrapolated and applied to other products.

Reports are statements of fact(s) prepared in accordance with the referenced version of the standard(s). Reports are based upon the information provided to Warringtonfire. Warringtonfire takes no responsibility for the accuracy or completeness of such information.

The results stated in this report apply to the test specimens as received. The results relate only to the behaviour of the specimens of the element of construction under the particular conditions of test. They are not intended to be the sole criteria for assessing the potential fire performance of the element in use, nor do they reflect the actual behaviour in fires.

This report details the method of construction, the test conditions and the results obtained when the specific element of construction described herein was tested following the procedure outlined in BS EN 1366-4:2021, BS EN 1363-1:2020, and where appropriate BS EN 1363-2:1999.

Any significant deviation 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.

Any differences in relation to the aforementioned characteristics may significantly affect the performance and will therefore invalidate the application of the test results to the variant product. It is recommended that any proposed variation to the tested configuration or product should be referred to the test sponsor. The test sponsor should then obtain appropriate documentary evidence of compliance from Warringtonfire or another accredited testing authority. The supplier of the product is responsible for ensuring that the product which is supplied for use is identical to the test specimens that were tested.

The specification and the interpretation of fire test methods are both the subject of ongoing development and refinement. Changes in the applicability of the results of tests in relation to associated legislation may also occur. For these reasons the currency and the relevance of test reports should be considered by the user.

The test report also relates only to the sample(s) of the product submitted to the test. The laboratory accepts no responsibility for the representativeness of the test specimens unless so stated in the test report.

Confidence that the product that is supplied to the market will have the performance indicated in the test report can be supported by use of third-party certification schemes.

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Uncertainty of measurements

Because of the nature of fire resistance testing and the consequent difficulty in quantifying the uncertainty of measurement of fire resistance, it is not possible to provide a stated degree of accuracy of the result.

EGOLF

Certain aspects of some fire test specifications are open to different interpretations. EGOLF have 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:

025-2018 - Procedures for temperature measurement in fire resistance tests

028-2018 - Disregarding unexposed thermocouples

050-2018 - Deduction of the insulation performance criteria

061-2021 - Harmonization of pressure measurement, processing and reporting

062-2022 V2 - Reporting test results

Revision history This report supersedes the report reference 550654/R Issued 25 June 2025.

Note: The field of direct application may only be defined following the identification of classification(s). The field of direct and, where applicable, extended application will be included in the classification report.

Sample Report

Not applicable



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