CERTIFICATE OF APPROVAL
No CF 5995

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

C.C.E. COSTRUZIONI CHIUSURE ERMETICHE SRL

Via dell'Artigianato, 16, 35010 Villa del Conte.
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Have been assessed against the requirements of the Technical Schedule(s) denoted below and are approved for use subject to the conditions appended hereto:

CERTIFIED PRODUCT	TECHNICAL SCHEDULE
CCE Superior 60, Applique and Trend, Smoke and Acoustic Dropseals	TS21 The Contribution of Edge Seals to the Control of Smoke Leakage via Door Assemblies

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager

Issued:	**15th September 2022**
Reissued:	**25th October 2024**
Valid to:	**14th September 2027**

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CCE Superior 60, Applique and Trend, Smoke and Acoustic Dropseals

1. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.

2. This approval relates to the use of the following specific CCE Superior 60, Applique and Trend smoke and acoustic dropseals.

Product reference	Reference No	Fitment
Superior 60	ASSUP60M-Q-8	Recessed centrally into the base of the door leaf
Applique	ASAPP-A-9B	Face fixed / wholly surface mounted to the base of the door leaf
Trend	CE1220TND	Recessed centrally into the base of the door leaf

3. The CCE seals approved in this certificate are aluminium cased automatic threshold seals. They are used for sealing the threshold of door assemblies against leakage of ambient temperature smoke, as defined in BS 476-31.1. They do not contain intumescent material.

4. Within BS 9999, a fire door required to resist the passage of smoke at ambient temperature conditions should, when tested in accordance with BS 476-31.1 with the threshold taped and subjected to a pressure of 25 Pa, have a leakage not exceeding 3m^3/m/h. The threshold gap should be sealed by a seal either with a leakage rate not exceeding 3m^3/m/h at 25 Pa when tested to BS 476-31.1 or just contacting the floor. Where this is impracticable the threshold gap should not exceed 3 mm at any point.

5. The door seals are approved on the basis of:

   i) Initial type testing
   ii) A design appraisal against TS21
   iii) Certification of quality management system to ISO9001
   iv) Inspection and surveillance of factory production control

6. This approval certifies that the above seals are suitable for use with single-acting, hinged, door assemblies required to restrict smoke leakage at ambient temperatures. It is applicable to latched and unlatched, single leaf and double leaf assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames with intumescent edge seals (Code ITT). It is only applicable to assemblies that have been approved, or have been shown by test, to achieve the required period of fire resistance.

Signed
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7. The following table shows acceptable doorset types and fire resistance periods:

Door Assembly Type							
Class	ITT			ITM			IMM / MM
	C	H	I-O	C	H	I-O	M
FD20	✓	✓	✓	×	×	×	×
FD30	✓	✓	✓	×	×	×	×
FD60	✓	✓	✓	×	×	×	×

Table 1: Universal Matrix for Field of Application

8. Doors are classified as the following types:

Type MM - 20 minute to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves hung in steel frames without intumescent perimeter seals.

Type IMM - 20 minute to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves hung in steel frames with intumescent perimeter seals.

Type ITT - 20 minute to 120 minute door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.

Type ITM - 20 minute to 120 minute door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.

9. It is sometimes necessary to sub-divide fire doors into the following categories:

Type C - Door leaves where all parts of the construction are of timber or other cellulosic material, e.g., flaxboard, chipboard, fibreboard etc, or leaves where inorganic or mineral based materials are surrounded by softwood or hardwood framing. The mineral based material may be in the form of a solid slab or as sub-facings either side of a void, with or without intermediate rails. The timber framing must be unprotected for not less than 40mm which includes any lipping. The framing may be reinforced by additional timber or similar material at the head or at lock blocks to product a larger frame to support ironmongery.

Type I-O - Door leaves constructed primarily of inorganic, or mineral based materials where the surrounding frame of timber is less than 40mm wide, including any lippings.

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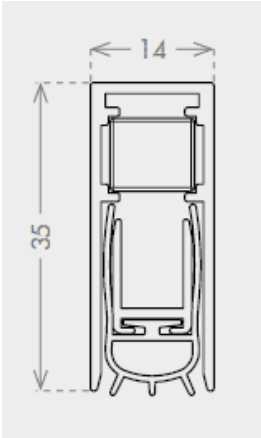
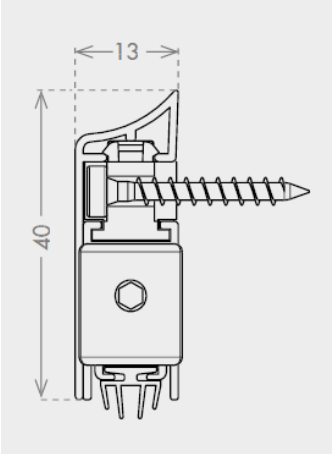
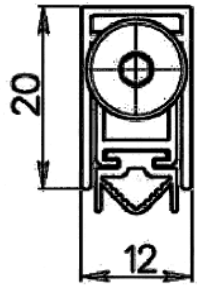
Type H - Door leaves where a type 'C' door leaf, normally all of cellulosic construction is faced on both sides with an inorganic board or a rigid intumescent sheet material not less than 2mm thick, either as a facing or a sub-facing. This material will extend from leaf edge to leaf edge, excluding any lippings.

Type M - Door leaves where the facings or sub-facings are of a steel construction and where the edges are metal (excluding any seals fitted), including primarily glazed leaves where the structural leaf framing consist of metal sections.

10. The seals shall be uninterrupted and fixed to the bottom edge of door leaves. Double leaf door assemblies shall additionally incorporate a dropseal to both door leaves. The seals shall be installed in accordance with the manufacturer's instructions.

11. The approval relates to ongoing production. The product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

		
Superior 60	**Applique**	**Trend**
Reference No. ASSUP60M-Q-8	Reference No. ASAPP-A-9B	Reference No. CE1220TND
Recessed centrally into the base of the door leaf	Face fixed / wholly surface mounted to the base of the door leaf	Recessed centrally into the base of the door leaf

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