

Certificate of Product Approval

Certificate Number: 785d

Issue: 01

FLAMESHIELD PRODUCTS LIMITED

9 Zillah Gardens
Wigmore
Gillingham
Kent
ME8 OEE



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

Products

Fire Resistant Ducts
FlameshieldEN vertical & horizontal insulated and un-insulated ducts

Standards

SD198 (Appendix B12)/EN 1366-1
Requirements relating to the approval of Fire Resistant Ducts tested to EN1366-1

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

01 February 2017

Date of Issue

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Appendix to Certificate No: 785d FLAMESHIELD PRODUCTS LIMITED

Issue: 01

Product name					LPCB Ref. No.
FlameshieldEN					785d/01
Steel type / gauge	Duct shape / Max size (w x h) (mm)	Supporting construction	Duct type	Classification Ref.	Classification (EN 13501-3)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible wall	Duct B	P104441-1002A/1	E 60 (ho i → o)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible wall	Duct A	P104441-1002B/1	E 60 (ho o → i) S
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Concrete floor	Duct B	P104441-1002C/1	E 60 (ve i → o)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Concrete floor	Duct A	P104441-1002D/1	E 60 (ve o → i) S
Galvanised steel / 0.8mm - thick	Rectangular 1250 x 1000	Flexible wall	Duct B	P104441-1002E/1	E 60 (ho i → o)
Galvanised steel / 1.2mm - thick	Circular ⁽¹⁾	Flexible wall	Duct B	P104441-1002F/1	E 60 (ho i → o)
Galvanised steel / 1.2mm - thick	Circular ⁽¹⁾	Flexible wall	Duct A	P104441-1002G/1	E 60 (ho o → i) S
Galvanised steel / 1.2mm - thick	Circular ⁽¹⁾	Concrete floor	Duct B	P104441-1002H/1	E 60 (ve i → o)
Galvanised steel / 1.2mm - thick	Circular ⁽¹⁾	Concrete floor	Duct A	P104441-1002I/1	E 60 (ve o → i) S
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible wall	Duct B	P104441-1002J/1	EI 20 (ho i → o)
Galvanised steel / 1.0mm - thick	Rectangular 1250 x 1000	Flexible or rigid wall	Duct B	P104441-1002K/1	EI 45 (ho i → o)
Galvanised steel / 1.0mm - thick	Rectangular 1250 x 1000	Flexible or rigid wall	Duct B	P104441-1002L/1	EI 60 (ho i → o)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible or rigid wall	Duct B	P104441-1002M/1	EI 90 (ho i → o)

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Product name					LPCB Ref. No.
FlameshieldEN					785d/01
Steel type / gauge	Duct shape / Max size (w x h) (mm)	Supporting construction	Duct type	Classification Ref.	Classification (EN 13501-3)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible or rigid wall	Duct B	P104441-1002N/1	EI 120 (ho i → o)
Galvanised steel / 1.2mm - thick	Rectangular 1250 x 1000	Flexible wall	Duct A	P104441-1002O/1	EI 120 (ho o → i) S
Galvanised steel / 1.2mm - thick	Rectangular 1800 x 1000	Flexible or rigid wall	Duct B	13-H-131440	EI 120 (ho i → o)
Galvanised steel / 1.2mm - thick	Rectangular 2500 x 1250	Rigid wall	Duct B	13-H-131459	EI 120 (ho i → o)
Galvanised steel / 1.0mm - thick	Rectangular 800 x 800	Flexible or rigid wall	Duct A	EFR-16-001724	EI 120 (ho o → i)
			Kitchen Extract		EI 30 (ho o → i)
Galvanised steel / 1.0mm - thick	Rectangular 400 x 400	Flexible or rigid wall	Duct A	EFR-16-001727	EI 120 (ho o → i) S
			Kitchen Extract		EI 30 (ho o → i) S
Galvanised steel / 1.0mm - thick	Rectangular 1250 x 1000	Flexible or rigid wall	Duct A	EFR-16-002671	EI 120 (ho o → i) S
			Kitchen Extract		EI 20 (ho o → i) S

Notes:

1. LPCB ref. 785d/01 The maximum size of circular ducts is 1000mm internal diameter.
2. The FlameshieldEN duct systems which are also satisfying the insulation criterion of EN 1366-1 shall be clad with a layer of stone mineral wool, type, density and thickness dependant on Fire resistance duration required

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Ductwork Manufacturers

The following Companies manufacture the products listed on this certificate to a specification issued and controlled by Flameshield.

This company is audited by the LPCB to ensure the product certification requirements are met.

Gardner & Co (Kent) Limited (LPCB Ref. 785d(3))
Unit 2, 23 Revenge Road
Lordswood Industrial Estate
Chatham
Kent
ME5 8UD

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