



*Fire Protection with Integrity and Trust
Contact your local distributor.*

Unifrax Ltd.

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DESCRIPTION

FyreWrap® Elite® 1.5 Duct insulation from Unifrax is a flexible insulation wrap designed for creating fire protection enclosures for building ductwork systems.

Thin, lightweight and easy to install, FyreWrap Elite 1.5 systems offer significant savings in installation time and overall system weight. The flexible product form facilitates efficient installation where access to the duct is limited or located in close proximity to other building services.

FyreWrap Elite has been tested and approved for use in a number of different countries and approvals cover a range of duct types including HVAC, pressurisation and kitchen extraction systems. Approvals include ASTM, ISO, EN and AS.

PRODUCT COMPONENTS

Core Material: Insulfrax Low Bio-persistence wool. Totally inorganic and exonerated from classification under Nota Q of EU Directive 97/69/EC.

Encapsulation Scrim: Full encapsulation with an aluminium foil/glass fibre reinforced aluminised polyester scrim. The scrim provides additional handling strength in addition to providing protection against moisture absorption.

TYPICAL PRODUCT PARAMETERS

Thickness	38mm (1.5 inches)
Nominal Density	96kg/m ³ (6pcf)
EN13501-1 Non-combustibility	A1
EN 1608 Parallel Tensile Strength	180 kPa
EN 826 Compressive Stress (at 10%)	2.4 kPa
EN 12667 Thermal Resistance (at 10°C)	R-Value 1.14
ASTM D6329-03 Microbial Resistance	Resistant to mould growth

SYSTEM APPROVALS

EN 1366-1	Integrity	Insulation	Smoke Leakage	No. of Layers	Classification to EN13501-3
Rectangular Type A: Vertical	120mins	120mins	120mins	2	EI 120 (v _e -h _o o→i) S
Rectangular Type A: Horizontal	120mins	120mins	120mins	2	EI 120 (v _e -h _o o→i) S
Rectangular Type B: Vertical	90mins	90mins	-	2	EI 90 (v _e i→o)
Rectangular Type B: Horizontal	60mins	60mins	-	2	EI 60 (v _e -h _o o↔i)

EN 1366-1 (Kitchen Extract)	Insulation for combustibile internal lining	No. of Layers	Classification to EN13501-3
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Rectangular Kitchen Extract	60mins	2	-
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EN 1366-8 (Smoke Extract)	Integrity	Insulation	Smoke Leakage	No. of Layers	Classification to EN13501-4
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Rectangular Type C: Vertical	90mins	90mins	90mins	2	EI 90 (v _e) S1500multi
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Rectangular Type C: Horizontal	60mins	60mins	60mins	2	EI 60 (v _e -h _o) S1500multi
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AVAILABILITY

Thickness	Width	Length
38mm	610mm	5.0m
38mm	1220mm	5.0m
38mm	610mm	7.62m
38mm	1220mm	7.62m

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by: