
CERTIFICATE OF APPROVAL

No ME 5107

UNILIN BV DIVISION PANELS

Ooigemstraat 3, bus 2
B-8710 Wielsbeke
+ 32 56668225

Have been assessed against the requirements of the test standard(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

“Fibrabel FR”
“Fibrabel FR XP”

10mm – 30mm MDF Boards

TEST STANDARD

ASTM E84

Class 1 or Class A

CAN/UCL-S102

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



Paul Duggan
Certification Manager

Issued: 31st July 2019
Revised: 18th February 2020
Valid to: 30th July 2024



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Approved Manufacturing Location

UNILIN BV DIVISION PANELS VIELSALM PLANT
Rue De La Floret 2,
B6690 Vielsalm,
Belgium

Certification Evidence

1. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by local Building Control authorities or any other third parties for any purpose.
2. This certificate relates to the performance of the Fibrabel FR board material when subjected to the conditions of the test specified in ASTM E 84 "*Standard Method of Test for Surface Burning Characteristic of Building Materials*" and CAN/ULC-S102 "*Standard Method of Tests for Surface Burning Characteristics of Buildings and Assemblies*",
3. The certification is issued on the basis of:
 - i) Initial type testing of a sampled specimen
 - ii) Inspection and surveillance of factory production control
 - iii) Certification of Quality Management Systems to ISO 9001:2008
4. The results of the tests performed against ASTM E84 are given in Warringtonfire Canada test report nos 12mm "10-002-139(A)", 19mm "10-002-139(B)", 10mm "10-002-139(C)", 12mm "10-002-139(D)", 15mm "10-002-139(E)", 25mm "10-002-139(F)", 15mm "10-002-139(G)", 18mm "10-002-139(H)", 30mm "10-002-139(I)". The results of the tests performed against CAN/ULC-S102 are reported in Element Fire Testing reports nos 19-002-582(C2) dated 24th October 2019 and 19-002-582(C2A) dated 22nd November 2019.
5. Sampling conducted by WOOD.BE on 01/02/2019

When tested in accordance with ASTM E84, the "Fibrabel FR" MDF Panel meets the criteria for a classification Class 1 or Class A

CAN/ULC-S102 contains no performance criteria of its own. The National Building Code of Canada (NBCC) or other jurisdictional documentation should be referenced to determine the FSR and/or SDC performance criteria that is applicable to the material, for the intended application.

Product Description

The Firax L products are described below:

General description	Flame retardant grade medium density fibreboard (MDF)
Generic type	MDF
Product reference	"Fibrabel FR"
Thickness	10-30mm (stated by sponsor)

Signed
N/014



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Product Performance

Authorities having jurisdiction usually refer to these categories:

	Flame-Spread Index	Smoke Development
Class 1 or A	0 – 25	450 Maximum
Class 2 or B	26 – 75	450 Maximum
Class 3 or C	76 – 200	450 Maximum

Test Results

ASTM E84

Product Thickness	Flame Spread Index (FSI)	Smoke Development (SD)	Classification
10mm	0	10	Class 1 or A
12mm	0	70	Class 1 or A
12mm (Class C)	5	55	Class 1 or A
15mm	10	130	Class 1 or A
15mm (Class C)	10	35	Class 1 or A
18mm (Class C)	10	30	Class 1 or A
19mm	0	20	Class 1 or A
25mm	10	45	Class 1 or A
30mm	10	45	Class 1 or A

CAN/ULC-S102

Sample	Flame Spread Rating (FSR)	Smoke Developed Classification (SDC)
Fibrabel MR FR NAF 12mm	0	55
Fibrabel MR FR NAF 22mm	3	33

The test results are only valid for the tested product composition as described in the test report.

Signed
N/014



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Information

1. It is the responsibility of the user of the information contained within this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use of the product
2. The performance stated herein relates only to the specimens of the product in the form in which they were tested.
3. This certification relates to on-going production. Fire retardant MDF product and/or its immediate packaging shall be identified with the certification mark including the certification number, and the manufacturer's name and the product name or code reference.

Signed
N/014

A handwritten signature in black ink, appearing to read 'Paul Hogg'.

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