

CLASSIFICATION REPORT REACTION TO FIRE OF A MATERIAL

According to the decree of November 21st, 2002 modified relating to the reaction to fire
of construction and installation products

Pilot laboratory recognized by the Ministry of the Interior (decree of February 5th, 1959, modified)

Seule la version française fait foi
Only the French version is legally acceptable

N° RA23-0163

Valid 5 years from June 16th, 2023

Material presented by:

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Commercial brand:

FLEXIVA FLY FIBERWOOL INSULATED /
M0-ALESBO FIBERWOOL INSULATED
FLEXIVA FLY FIBERWOOL INSULATED ACOUSTIC /
M0-ALESBO FIBERWOOL INSULATED ACOUSTIC
FLEXIVA VENTUS FIBER

Brief description:

Flexible complex for ventilation duct with insulation consisting of (from inside to outside):

- An inner duct referenced FLEXIVA FLY or M0 ALESBO with M0 classification (CSTB PV RA22-0120) made of lacquered aluminum/polyester strips (23 µm / 6 µm) and aluminum (30 µm) laminated. This inner duct is micro perforated for the ACOUSTIC versions.
- A white polyester fiberwool insulation with a nominal thickness of 25 mm and a nominal weight per unit area of 250 g/m².
- An outer duct consisting of 12 µm thick polyester films laminated between 7 µm thick aluminum foils.

Nominal thickness of the inner duct (without spiral): 60 µm.

Nominal weight per unit area of the inner duct (without spiral): 180 g/m².

Nominal thickness of the outer duct (without spiral): 50 µm.

Nominal weight per unit area of the outer duct (without spiral): 90 g/m².

Overall nominal thickness : 26 mm.

Overall nominal weight per unit area: 520 g/m².

Nature of the test :

Radiation test (with simulated joint)
Electrical burner test
Flame persistence test
Test used for thermalmelting materials : dripping test

Classification:

M1

Durability of the classification (Appendix 2 - Paragraph 5): Non-limited a priori.

Considering the criteria resulting from the tests described in the appended Test Report No. DSSF-22-14920.

This classification report certifies only the characteristics of the object submitted for testing but does not prejudge the characteristics of similar products. So it does not constitute a product certification in the sense of the Consumer Code. Only the electronic report signed with a valid digital certificate is taken in the event of litigation. The electronic report is kept at CSTB for a minimum period of 10 years. The reproduction of this electronic report is only authorized in its integral form. Only the French version is authentic.

Prepared at Champs-sur-Marne, September 21st, 2023
Fire Studies and Tests Technical Referent

Only full copies of the present report or of the classification report plus appended test report are hereby authorized.

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