

## CLASSIFICATION REPORT REACTION TO FIRE OF A MATERIAL

According to the decree of November 21<sup>st</sup>, 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 5<sup>th</sup>, 1959, modified)

Seule la version française fait foi

Only the French version is legally acceptable

**No. RA16-0159**

Valid 5 years from July 12<sup>th</sup>, 2016

**Material presented by:**

PALMEX INTERNATIONAL, INC.  
2518 chemin des Entreprises  
SAINT-SAUVEUR, QC, J0R 1R7  
CANADA

**Commercial brand:**

PRODUITS PALMEX M1

**Brief description:**

Synthetic flexible leaves for use as a roof material (imitation palm thatching).  
Fire-retarded high-density polyethylene (HDPE) leaves, composed of a solid upper part and a lower part in the form of plant leaves, creating a tropical roof finish.  
Each row of leaves is spaced at a distance of 11 or 12.5 cm from the previous row, with the roofing thus composed of 2 superimposed leaves.

Nominal thickness of a leaf: 0.74 mm.

Total dimension of a leaf: 1 x 0.6 m (with 1 x 0.26 m on the upper part and 1 x 0.34 m on the lower part).

Total weight of a leaf (imitation palm thatching): 376 g.

Nominal weight per unit area of a leaf (imitation palm thatching): 874 g/m<sup>2</sup>.

Quantity of leaves per m<sup>2</sup> of roof: from 8 to 9 so about 7.0 to 7.9 kg/m<sup>2</sup>.

Color: dark beige.

**Nature of the test:**

Test by radiation  
Additional tests for fusible materials

**Classification:**

**M1**

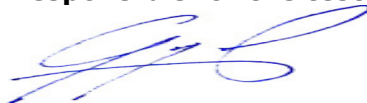
**Durability of the classification (Appendix 2 - Paragraph 5):** Non-limited a priori.

Considering the criteria resulting from the tests described in the appended Test Report No. RA16-0159.

This classification report certifies only the characteristics of the sample submitted to the tests and does not apply to the characteristics of similar products. As such, it does not constitute a products certification within the meaning of Articles L 115-27 to L 115-33 and R 115-1 to R 115-3 of the French Consumer Code.

Champs-sur-Marne, 12<sup>th</sup> July 2016

The Technician  
Responsible for the test



Franck GOGUEL

The Head of Reaction to Fire  
Laboratory



Nicolas ROURE

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

**CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT**

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