

COLLECTION: CORK BRICKS

L0254
Ensaíos

LFF - Smoke and Fire Laboratory

Test Report n.º 40/LFF/13

TEST REPORT

Material: MURATTO - CORK BRICKS

Determination of Fire Reaction Class

Testing Methodology: The methodology used to carry out the tests was the standard constant EN ISO 11925:2010. The methodology followed for the classification of the material was the constant of the standard NP EN 13051-1:2007+A1 dated 2013.

Dimensions and Conditioning of test pieces

Before being tested, they were conditioned at the temperature of $23 \pm 2^\circ\text{C}$ and relative humidity of $50 \pm 5\%$ for a minimum of 380 hours.

Tests Results

The material was tested with surface and on-board flame attack and the following results were obtained:

Flame Attack Position	Superficial
-----------------------	-------------

Exposure Time	30 sec.
---------------	---------

Test Piece	40/LFF/13/01	40/LFF/13/02	40/LFF/13/03
Ignition Time (sec.)	3	4	3
Time to reach 150 mm (sec.)	Does not reach	Does not reach	Does not reach
Fs (mm)	48	46	51
Falling drops / particles	No	No	No
Paper Ignition	No	No	No

L0254
EnsaíosLFF - Smoke and Fire Laboratory
Test Report n.º 40/LFF/13

Exposure Time	30 sec.
---------------	---------

Test Piece	40/LFF/13/04	40/LFF/13/05	40/LFF/13/06
Ignition Time (sec.)	2	2	2
Time to reach 150 mm (sec.)	Does not reach	Does not reach	Does not reach
Fs (mm)	43	41	47
Falling drops / particles	No	No	No
Paper Ignition	No	No	No

Conclusion

Considering all the tests obtained, it is possible to conclude that the material should be included in **class E**.

Porto, December 16, 2013

Technical Manager for the Lab:

Responsible for the tests

João Rodrigues



The test results relate to the behavior of the test pieces of a product according to standard test conditions; Should not be considered as the sole criterion for assessing the potential fire hazard. "

