

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

4.2. CLASSIFICATION

The product, Azobé (Lophira alata) natural flooring timber - 24 mm, in relation to its reaction to fire behaviour is classified:

B_n

The additional classification in relation to smoke production is:

s1

Reaction to fire classification: B_n - s1

4.3. FIELD OF APPLICATION

This classification is valid for the following product parameters:

| | |
|------------------|---|
| Thickness | ≥24 mm |
| Surface density | 22.5 - 26.4 (average 25.4) kg/m ² |
| Density | 940 - 1100 (average 1060) kg/m ³ |
| Other properties | Applied as parallel planks (width approx. 100 mm) |

Assessment:

Based on the relationship of measured densities of the samples and the related test results, it can be assumed that the effect of possible changes in density of this wood species on the results will stay within the same (minimum) reaction to fire classification.

This classification is valid for the following end use applications:

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|--|--|
| Substrate | At least Class B substrate, or mounted without substrate underneath (in free air) |
| Air gap | ≤15 mm (or in free air) |
| Methods and means of fixing | Mechanically mounted/affixed with or without gap between boards/planks or with shiplap (1/2 lap) overlay |
| Joints | Yes |
| Other aspects of end use conditions | The product can be profiled in various ways: Square edged timber, machined timber, planed all around timber, profiled timber |

4.4. DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

There are no limitations in time on the validity of this report.