

Fire classification report

according to ÖNORM EN 13501-1:2009

Report no. **406.458/e** on fire classification of construction products

**Commercial name: ADLER Lignovit Lasur/spritzfertig,
on Okoume-board (hard flammable), 10 mm**

on behalf of (owner of classification report)

**ADLER-Werk Lackfabrik
Johann Berghofer GmbH & Co
Bergwerkstraße 22
6130 Schwaz
AUSTRIA**

1 Introduction

This classification report defines the classification assigned to the aforementioned construction product in accordance with the procedure given in ÖNORM EN 13501-1:2009

2 Details of the classified product

2.1 Nature and end use application

The aforementioned construction product is defined as a “type of classified construction product”. Its classification is valid for end use as

Furniture and internal finishing work

2.2 Description

Non homogenous product,

Raw material: Okoume-board (hard flammable), 10 mm

***primed with 125-150µm (wet film thickness) ADLER Lignovit
Lasur***

Intermediate grind Kö. 280

***primed with 125-150µm (wet film thickness) ADLER Lignovit
Lasur***

3 Test reports and test results in support of this classification

3.1 Test reports

Name of laboratory	Sponsor	Test report ref. no.	Test method
<i>ofi Technologie & Innovation GmbH</i>	ADLER-Werk Lackfabrik	400.764 / 2009-09-21	ÖN EN ISO 11925-2
<i>MA 39, VFA</i>	ADLER-Werk Lackfabrik	VFA 2009-1220.01 / 2009-09-14	ÖN EN 13823

3.2 Test Results

Test results for the non homogenous construction product

Test method	Parameter	Number of tests	Results	
			Continuous parameter (mean)	Discrete parameters
ÖNORM EN 13823	FIGRA _{0,2} [W/s]	3	59	(-)
	FIGRA _{0,4} [W/s]		59	(-)
	LFS < edge		(-)	Y
	THR _{600s} [MJ]		3,9	(-)
	SMOGRA [m ² /s ²]		8,5	(-)
	TSP _{600s} [m ²]		100	(-)
	flaming droplets / particles		(-)	N
ÖNORM EN ISO 11925-2	surface flame impingement 30 s flamespread ≤ 150 mm	6	(-)	Y
	edge flame impingement 30 s flamespread ≤ 150 mm	6	(-)	Y

4 Classification and direct field of application

This classification has been carried out in accordance with clause 11 of OENORM EN 13501-1:2009. The construction product with the commercial name

***ADLER Lignovit Lasur/spritzfertig,
on Okoume-board (hard flammable), 10 mm***

in relation to fire behaviour is classified:

<i>Fire behaviour</i>		<i>Smoke production</i>			<i>Flaming droplets</i>	
<i>B</i>	<i>-</i>	<i>s</i>	<i>2</i>	<i>,</i>	<i>d</i>	<i>0</i>

This classification is valid for the following end use conditions::

Furniture and internal finishing work

This classification is valid for the following product parameters:

Product parameters see clause 2.2

5 Limitations

None

5.1 Warning

This document does not represent type approval or certification of the product.

Report	Name	Signature ^{*)}	Datum
Prepared by:	Ing. M. Bichler		2011-11-16
Reviewed by:	Dr. M. Englisch		2011-11-16
*) for and on behalf of ofi - Technologie und Innovation GmbH			