

Fire classification report

according to ÖNORM EN 13501-1:2009

Report no. **405.508/2e** on fire classification of construction products

Commercial name: ADLER Legnopur G 50 26215,10:1

cured with ADLER PUR-Härter 82019,

on with beech veneered particle board Typ „Flammex B1“ 19 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 OENORM 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: beech veneered (0,6 mm) particle board Flammex B1 19 mm

primed with 130 g/m² ADLER Legnopur G50 26215

Intermediate grind Kö. 280

finished with 120 g/m² ADLER Legnopur G50 26215

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	308.981/1 / 2007-11-26	ÖN EN ISO 11925-2
<i>MA 39, VFA</i>	ADLER-Werk Lackfabrik	VFA 2007-1565.01 / 2007-11-24	ÖN EN 13823
<i>MA 39, VFA</i>	ADLER-Werk Lackfabrik	VFA 2008-0368.01 / 2008-04-01	ÖN EN 13823
<i>MA 39, VFA</i>	ADLER-Werk Lackfabrik	VFA 2011-1208.02 / 2011-08-18	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
Sample without verneer				
ÖNORM EN 13823	FIGRA _{0,2} [W/s]	3	86	(-)
	FIGRA _{0,4} [W/s]		86	(-)
	LFS < edge		(-)	Y
	THR _{600s} [MJ]		4,9	(-)
	SMOGRA [m ² /s ²]		6	(-)
	TSP _{600s} [m ²]		61	(-)
	flaming droplets / particles		(-)	N
Sample with verneer				
ÖNORM EN 13823	FIGRA _{0,2} [W/s]	3	85	(-)
	FIGRA _{0,4} [W/s]		84	(-)
	LFS < edge		(-)	Y
	THR _{600s} [MJ]		4,3	(-)
	SMOGRA [m ² /s ²]		8,3	(-)
	TSP _{600s} [m ²]		77	(-)
	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 Legnopur G 50 26215 10:1
Gloss G10 (matt) bis G70 (semigloss)
cured with ADLER PUR-Härter 82019,
on with beech veneered particle board Typ „Flammex B1“ 19 mm

in relation to fire behaviour is classified:

Fire behaviour		Smoke production		Flaming droplets
B	-	s	2	d
			,	0

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		2011-08-25
Reviewed by:	Dr. M. Englisch		2011-08-25

^{*)} for and on behalf of ofi - Technologie und Innovation GmbH

