DBI
FIRE AND SECURITY

Classification Report
Non-loadbearing wall

Name of sponsor:	**Jugo-Dan A/S**		
Product name:	Jugodanpanel EI60		
File no.:	PCA10589A	**Revision no:**	0
Date:	22-10-2019		
Pages:	6	**Encl.:**	0
Ref:	MRD / NOL		

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ilac-MRA DANAK
Test Reg.no. 12

Client information

Client: Jugo-Dan A/S

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Danmark

The results relate only to the items tested. The classification report should only be reproduced in extenso – in extracts only with a written agreement with this institute.

Content

Introduction

This classification report defines the classification assigned to the product in accordance with the procedures given in DS/EN 13501-2:2016.

This classification report includes the direct field of application of the test results.

Details of classified product

General

Producer of product: Jugo-Dan A/S

The product was designated: Jugodanpanel EI60

The classification is valid for the following end use application: Non-loadbearing wall

Product description

The product is a non-loadbearing wall made of sandwich elements consisting of stone wool insulation and galv. Steel plate primed.

The construction was symmetrical

The details of the product are described in DBI test report PGA11459 dated 03-07-2019.

Reports in support of the classification

Test report

The product was successfully tested in accordance with EN 1364-1:2015. The evidence for this is given in the test report listed below:

Reference test:				
Name of Laboratory	Name of sponsor	Test report file no.	Test method	Date of test
Danish Institute of Fire and Security Technology	Jugo-Dan A/S	PGA11459A dated 03-07-2019	EN 1364-1:2015	15-05-2019

Test results

DBI test report PGA11459A concerns a non-loadbearing wall the results of the test is listed below:

Test Duration	**Parameter**	**Test Results**
99 minutes	**Integrity**	
	- Time of ignition of cotton pad:	No failure
	- Time of occurrence of sustained flaming:	No failure
	- Time of failure of gap gauge criteria:	No failure
	Insulation	
	- Failure of insulation due to failure of integrity:	No failure
	- Time of failure of measured average temperature rise:	77 minutes
	- Failure of maximum measured temperature rise	80 minutes

Classification and field of application

Reference

This classification has been carried out in accordance with clause 7.5.2 of EN 13501-2:2016.

Classification

The product is classified according to the following combinations of performance and classes as appropriate.

Fire resistance classification: **EI 60**

The classification is valid for fire resistance from either side.

Field of application

The classification is valid for the following end use conditions: Non-loadbearing wall

The test results are directly applicable to similar constructions where one or more changes in this field of application are made and the construction continues to comply with the appropriate design code for its stiffness and stability. Other changes are not permitted.

- With increase in height of the construction up to 4 meters.
- With decrease in height of the construction.
- With increase in the thickness of the wall. The minimum thickness is 80 mm.
- With increase in the thickness of component materials.
- With decrease in the linear dimensions of the panels but not the thickness
  The panels dimensions is 80 x 557 x 2900 mm (thickness x width x height).
- With decrease in distance between fixing centers. Tested with two screws in the top and the bottom of the panel connected to the L-profile.
- With increase in the width of the construction with vertical joints as tested.
- The construction can be installed in high density constructions with at least the same resistance to fire classification.

Limitations

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

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