



PAVUS, a.s.

AUTHORIZED BODY 216
NOTIFIED BODY 1391
ACCREDITED CERTIFICATION BODY FOR
PRODUCTS N° 3041

Branch: FIRE TESTING LABORATORY
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REACTION TO FIRE CLASSIFICATION REPORT

The object of
classification:

*Construction products excluding floorings and linear
pipe thermal insulation products in accordance with
EN 13501-1+A1:2010, clause 11
Floor coverings
in accordance with EN 13501-1+A1:2010, clause 12*

Issue number:

PK1-01-16-019-E-0

Product name and type:

WellYoung MgO Board

Sponsor:

Technický a zkušební ústav stavební Praha, s.p.
Branch Brno
Hněvkovského 228/77
617 00 Brno
Czech Republic

For company:

Zhangjiagang Wellyoung Material Co., Ltd.,
DongFang Xintiandi D-2501,
Zhangjiagang City,
Jiangsu Province,
China 215600

Issuing organization:

PAVUS, a.s.
Authorized Body 216
Notified Body 1391
Accredited certification body for products No 3041
- Accreditation issued by Czech Accreditation Institute, Public
Service Company
- Certificate of Accreditation N° 525/2015
Prosecká 74
190 00 PRAHA 412/9
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1. INTRODUCTION

- 1.1. This Classification Report specifies classification method for *WellYoung MgO Board* in conformity with the procedures set forth in EN 13501-1+A1:2010.
- 1.2. This Classification Report has 3 pages and it can be used or reproduced as a whole only.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General

The product – *WellYoung MgO Board* is made by the company *Zhangjiagang Wellyoung Material Co., Ltd., DongFang Xintiandi D-2501, Zhangjiagang City, Jiangsu Province, China 215600*. It is used as an interior and exterior claddings board.

2.2. Product description

MgO board is made in the thickness of 12 mm and density of 1,100 kg/m³. The product composites from MgO (52-55) %, MgCl₂ (25-30) %, Fiberglass (1.0-1.5) %, Perlite (5.5-6.5) %, wood powder (3.0-3.5) %, CaCO₃ (5.5-6.0) %. The organic content is of (3.0-3.5) % of the weight.

3. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1. Reports

Name of the Laboratory Address Accreditation number:	Name of sponsor of the Test Report	Report number Date of issue	Test method
PAVUS, a. s. Veseli nad Luznici Accr.T.Lab. No. 1026	Technický a zkušební ústav stavební Praha, s.p. Branch Brno Hněvkovského 228/77 617 00 Brno Czech Republic	Pr-16-1.068 2016-04-06	EN ISO 1716:2010
		Pr-16-1.069 2016-04-06	EN ISO 1182:2011

3.2. Results

Test method and test number	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
EN ISO 1716 Pr-16-1.068	Q _{PCS}	3	0.15 MJ/kg	≤ 2,0 MJ/kg (A1, A1 _n)
EN ISO 1182 Pr-16-1.069	ΔT	5	3.6 °C	≤ 30 °C (A1, A1 _n)
	Δm		40.09 %	≤ 50 % (A1, A1 _n)
	t _f		0 s	0 s (A1, A1 _n)

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of classification

This classification has been carried out in accordance with clause 11 and 12, EN 13501-1+A1:2010.

4.2 Classification

The product – *WellYoung MgO Board* – in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A1

Reaction to fire classification: A1_{fl}

4.3. Field of application

This classification applies for the following parameters of the product:

Parameters of the product noticed in the clause 2.2.

This classification applies for the following end-use applications:

The product – *WellYoung MgO Board* is determined for use as an interior and exterior claddings board.

5. LIMITATIONS

This Classification Report does substitute neither the type approval nor the product certificate.

This classification is valid, unless the conditions, under which it was issued, have been changed. The sponsor may request the issuing authority to review the influence of changes to the classification validity.

Therefore the Testing Laboratory has no part in preparing the product specimens for tests although the Laboratory provides, on manufacturer's request, a suitable certification that the Laboratory took part in monitoring the preparation of specimens for tests.

In the case of a dispute wording of the Czech version of the test report is decisive.

Elaborated by:



Ing. Pavla Hejná

Fire testing laboratory

PAVUS, a.s.

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Approved by:



Ing. Jaroslav Dufek

