



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague

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Central Laboratory - Testing Department Brno

Hněvkovského 77, 617 00 Brno

tel.: +420 734 432 093, e-mail: zadelak@tzus.cz, www.tzus.eu

TEST REPORT

Issued by Testing Laboratory

No. 060-042740

on test of adhesion strength

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

Company ID: 320582000262065

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

Test sample: WellYoung MgO Board

Order No.: Z060160003

Number of pages of the Test Report incl. title page: 2 Pages of annexes: -

Prepared by:


Bc. Karel Výška
test technician - specialist

Approved by:


Ing. Martin Zaděláč
head of the Testing Department

Print No.: 1
Number of prints: 2



Brno, on 1. 3. 2015

Declaration: 1) The test results in this Report relate only to the tested article and they do not substitute any other documents
2) The Test Report must be copied as a whole only otherwise a written consent of the testing laboratory is needed.

Technical and Test Institute for Construction Prague, Central laboratory

Nemanická 441, 370 00 České Budějovice, Czech Republic

Bank: Komerční banka, Praha 1

Entered in the Commercial Register maintained by Municipal Court in Prague, Section ALX, Insert 711, Comp. ID: 00015679, VAT: CZ00015679

Phone.: +420 387 023 211

Account No.: 1501-931/0100

www.tzus.eu

e-mail: pilarova@tzus.cz

1. Sample data

Evidence Number: VZ060160098
Sample: WellYoung MgO Board
Order/contract: Z060160003
Date of sampling/sample delivery: 10.2.2016
Sampling place: Brno

Data on sampling conditions, plan and procedure of sampling and name of the person who performed sampling are stated in the Sampling Minutes that are stored in the Testing Department.

2. Test methods

ETAG 016:2013, part 1, C3

SELF-SUPPORTING COMPOSITE LIGHTWEIGHT PANELS
– Tensile strength test

Deviations from a standard procedure or the use of non-standardized methods: were not applied.

3. Test results

The tests were carried out on: 26. 2. 2016

The tests were performed by: Bc. Karel Výška

Data on the person who performed the test, test conditions and equipment used are listed in the Test Minutes. Apparatuses and measuring instruments that used have been certified pursuant to a valid plan of the Testing.

3.1 Tensile strength test

Sample No.	Ultimate applied load [N]	Deflection at the ultimate applied load, calculated on the linear part of graph [mm]	Tensile strength f_{ct} [MPa]	Tensile modulus E_{ct} [MPa]
1	4437	1,10	1,7	18,9
2	4851	1,10	1,9	21,4
3	4393	1,15	1,5	17,0
4	3840	0,91	1,5	19,9
5	5200	1,01	2,0	24,9
Average value	4544	1,10	1,7	20,4

END OF THE TEST REPORT

