



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.

Technical and Test Institute for Construction Prague

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorised Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body, Prosecká 811/76a, 190 00 Praha 9

Central laboratory

Testing department České Budějovice  
Nemanická 441, 370 10 České Budějovice

tel.: +420 387 023 211, e-mail: pilarova@tzus.cz, www.tzus.eu



L 1018.3

# TEST REPORT

issued by Testing Laboratory No. 1018.3  
accredited pursuant to ČSN EN ISO/IEC 17025:2005 by Czech Accreditation Institute

**No. 020-039404**

**on Initial Type Testing according to EN 13279-2**

- Adhesion to substrate
- Flexural and compressive strength
- Setting time

Manufacturer: **OOO «PAK«RielInvest Ocenka»**  
Address: Russian Federation, 352272, Krasnodarskij region,  
Otradenskij rajon chutor Chloponin, Moskevskaja Str. 1  
Company ID: 2345004377  
Plant: Russian Federation, 352272, Krasnodarskij region,  
Otradenskij rajon chutor Chloponin, Moskevskaja Str. 1  
Test sample: Gypsum plaster light „T.M.Power Plast“  
Order No.: Z020180162

Number of pages of the Test Report incl. title page: 3

Pages of Annexes: -

Prepared by:

**Ing. Dana Pilařová**  
specialist

Approved by:



**Ing. Vilém Migl**  
manager of the testing department

Print No.: 1  
Number of prints: 2

České Budějovice, on 14.08.2018

Stamp of the testing laboratory No. 1018.3

**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

Phone: +420 495 500 930

Account No.: 1501-931/0100

www.tzus.eu

e-mail: pilarova@tzus.cz

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

## 1. Sample data

Evidence Number: VZ020181046  
 Sample: Gypsum plaster light „T.M.Power Plast“  
 Date of sample delivery: 27. 6. 2018  
 Sampling method: 1 undamaged packaging  
 Method of the sample preparation: According to the instructions in ČSN EN 13279-2.  
 Water consumption: 520 g / 1000 g of dry mix  
 Test body maturing time: 7 days

Data of sampling conditions, plan and sampling procedure, if necessary, the name of the person performing the sampling are listed in the minutes of sampling, which is stored in the testing department

## 2. Test methods

EN 13279-2:2014 Gypsum binders and gypsum plaster - Part 2: Test methods.  
 Deviations from a standard procedure or the use of non-standardized methods: were not applied.

## 3. Test results

The tests were carried out on: 9. 7. - 16. 7. 2018  
 The tests were performed by: Marie Kubešová

Date about person performing the test, testing equipment and about test conditions are listed in test minutes. All measurement and test equipment are calibrated according to valid plan of the testing department.

### 3.1 Determination of adhesion to substrate according to EN 13279-2, Art. 4.6

	Determined value [MPa]		Type of body damage
	individual	average	
plasterboard	0.18 0.19 0.20 0.19 0.18	<b>0.19</b>	100% in substrate (c) 100% in substrate (c) 100% in substrate (c) 100% in substrate (c) 100% in substrate (c)
concrete	1.12 1.18 1.19 1.19 1.18	<b>1.17</b>	100% in gypsum plaster (b) 100% in gypsum plaster (b) 100% in gypsum plaster (b) 100% in gypsum plaster (b) 100% in gypsum plaster (b)
porous concrete	0.41 0.36 0.38 0.40 0.39	<b>0.39</b>	100% in substrate (c) 100% in substrate (c) 100% in substrate (c) 100% in substrate (c) 100% in substrate (c)



**3.2 Determination of flexural and compressive strength according to EN 13279-2, Art. 4.5.4 and 4.5.5**

	Determined value [MPa]	
	individual	average
Flexural strength	2.20 2.28 2.07	2.18
Compressive strength	6.70 6.92 6.43 6.83 6.91 7.24	6.84

**3.3 Determination of setting time according to EN 13279-2, Art. 4.4.2 (Vicat cone test method)**  
Beginning of the hardening: **360 min.**

**END OF THE TEST REPORT**

