TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
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Accredited Testing Laboratory, Authorised Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body.
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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. 010-041944

on test of impact resistance

Ordering Party:	NEVPANEL YAPI MADEN URETIM ITHALAT IHRACAT SANAYI VE TICARET LIMITED SIRKETI
Address:	ESKIŞEHIR ORGANIZE SANAYI BÖLGESI 28. CADDE NO:8 ESKIŞEHIR
Company ID:	
Manufacturer:	**NEVPANEL YAPI MADEN URETIM ITHALAT IHRACAT SANAYI VE TICARET LIMITED SIRKETI**
Address:	ESKIŞEHIR ORGANIZE SANAYI BÖLGESI 28. CADDE NO:8 ESKIŞEHIR
Test sample:	**Fire protective boards NevPanel; DragonBoardTurkiye; MagnumBoard**
Order No.:	Z010190175

Number of pages of the test report incl. title page: 4 Pages of annexes: 0

Prepared by:

Martin Minx
specialist

Approved by:

Ing. Radka Sedmidubská
head of the Testing Department

Print No.:
Number of prints: 4

Prague, 07.11.2019

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.
3) Evaluation of the test results in accordance with a standard was performed beyond competence of the testing laboratory.

1 Sample data

Evidence Number:	VZ010190304 Fire protective boards NevPanel; DragonBoardTürkiye;MagnumBoard (thicknesses: 4, 9 and 18 mm)
Order/contract:	Z010190175
Date of sampling/ sample delivery:	07.08.2019
Sampling place:	warehouse of the manufacturer
Sampling method:	not stated
Method of the sample preparation:	according to the relevant testing method.

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

Within the scope of the accreditation:

EOTA TR 001	Determination of impact resistance of panels and panels assemblies
ISO/DIS 8413*	Resistance to eccentric load

*Note: *This method is out of the scope of accreditation.*

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

3 Test results

The tests were performed on: 27.08.2019 – 17.09.2019

The tests were performed by: Ing. Jan Appl

Data on the person who performed the test, test conditions and equipment used are listed in the test minutes. Apparatuses and measuring instruments used for testing have been verified pursuant to the valid plan of the Testing Department Prague.

Testing conditions:
Air temperature: (23±4) °C
Relative humidity: 50 %

3.1 Determination of resistance to soft body impact acc. to Cl. 2 of EOTA TR 001

Table 1: board of thickness 4 mm (27. 08. 2019)
Impactor - weight = 50 kg
Surface structure of board: smooth

Position: centre of the board

No. of measurement	height of impact [mm]	energy [Nm]	damage
1	122	60	without damage

Table 2: board of thickness 9 mm (02. 09. 2019)
Impactor - weight = 50 kg
Surface structure of board: smooth

Position: centre of the board

No. of measurement	height of impact [mm]	energy [Nm]	damage
1	122	60	without damage
2	200	100	without damage
3	245	120	without damage

Table 3: board of thickness 18 mm (17. 09. 2019)
Impactor - weight = 50 kg
Surface structure of board: smooth

Position: centre of the board

No. of measurement	height of impact [mm]	energy [Nm]	damage
1	122	60	without damage
2	200	100	without damage
3	245	120	without damage
4	265	130	without damage
5	408	200	without damage
6	490	300	without damage

3.2 Determination of resistance to hard body impact acc. to Cl. 3 of EOTA TR 001

board of thickness 4 mm (27. 08. 2019)
testing sphere - weight = 0,5 kg
height of falling = 1200 mm
energy = 6 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

testing sphere - weight = 1 kg
height of falling = 1200 mm
energy = 10 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

board of thickness 9 mm (02.09. 2019)
testing sphere - weight = 0,5 kg
height of falling = 1200 mm
energy = 6 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

testing sphere - weight = 1 kg
height of falling = 1200 mm
energy = 10 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

board of thickness 18 mm (17.09. 2019)
testing sphere - weight = 0,5 kg
height of falling = 1200 mm
energy = 6 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

testing sphere - weight = 1 kg
height of falling = 1200 mm
energy = 10 Nm
result: without damage*
* no collapse, no penetration, no degradation, no projection

3.3 Determination of resistance to eccentric load according to ISO/DIS 8413

Table 4: board of thickness 4 mm (27. 08. 2019)

No. of measurement	testing weight [kg]	time [h]	damage
1	10	24	without damage

Table 5: board of thickness 9 mm (02. 09. 2019)

No. of measurement	testing weight [kg]	time [h]	damage
1	20	24	without damage

Table 6: board of thickness 18 mm (17. 09. 2019)

No. of measuring	testing weight (kg)	time (h)	damage
1	85	24	without damage

END OF THE TEST REPORT