



CERTIFICATE
NR 1017/37/OA/06/2018/A
OF PRODUCT COMPLIANCE
WITH REQUIREMENTS OF STRENGTH
AND DURABILITY

It is stated that according to the results of executed tests

**Hinges: flush door, twin door, lift-off door - Ø 26 mm
(ZP-CIBI7HOZE, ZP-CIBI8HOZE, ZP-CIBI9HOZE)**

distributed by

GTV

ul. Przejazdowa 21 05-800 Pruszków Poland

meets the following requirements:

PN-EN 15570:2010 /EN 15570:2008 Hardware for furniture – Strength and durability of hinges and their component – Hinges pivoting on a vertical axis - IDT /.

Tests conducted according to

PN-EN 15570:2010, points 6.1 - 6.3.10, according 2 test level.

Tests were executed: 14.06.2018 – 22.06.2018

The Certificate contains test report /2 numbered pages/, which are an integral part of the Certificate.

**Engineering Centre For Creating
Product Quality „ATEST” Ltd
str. Bogusławskiego 16, 60-214 Poznań
tel. 61 - 8 652 689
Laboratory in Gruszczyn / Poznań
str. Leśna 12 62-006 Kobylnica**

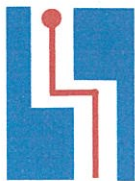
Signed for and on behalf
“ATEST” Ltd”

DIRECTOR

mgr inż. Lucjan Kokorniak

Poznań, 22.06.2018





**ENGINEERING CENTRE FOR CREATING
PRODUCT QUALITY**
„ATEST” Ltd

Test report number 1017/37/OA/06/2018/A

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Article tested: Hinges: flush door, twin door, lift-off door - Ø 26 mm (ZP-CIBI7HOZE, ZP-CIBI8HOZE, ZP-CIBI9HOZE)

Test door type B, - particle board – height 700 mm, width 600 mm, thickness 19 mm, distance from top to bottom edges 60 mm, according to Annex B PN-EN 15570:2010 Test parameters.

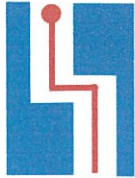
Overload tests

Table 1

PN-EN 15570:2010 Hardware for furniture - Strength and durability hinges and their components - Hinges pivoting on a vertical axis				
6.2 Overload tests				
Number of test	Point of standard	Test	Parameters of test	Test result
1	6.2.1	Vertical static overload	Load 20 kg 10 full cycles /back and forth/	<i>pass</i>
2	6.2.2	Horizontal static overload	Load 60 N 10 times	<i>pass</i>

Positive test result - door and hinges did not detach after the test.

INŻYNIERSKI OŚRODEK
KSZTAŁTOWANIA JAKOŚCI WYROBÓW
„ATEST” - Spółka z o.o.
60-214 Poznań, ul. Bogusławskiego 16
tel./fax 61 865-26-89
NIP 779-206-14-74, Regon 630681995



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Functional tests

Table 2

PN-EN 15570:2010 Hardware for furniture - Strength and durability hinges and their components - Hinges pivoting on a vertical axis				
6.3 Functional tests				
Number of test	Point of standard	Test	Parameters of test	Test result
1	6.3.2.2	Closing force, hinges with self-closing mechanisms.	ZP-CIBI7HOZE – 4,0 N, 3,5 N ZP-CIBI8HOZE - 3,5 N, 3,0 N ZP-CIBI9HOZE – 3,5, N, 3,0 N	<i>pass</i> (<i>min. 0,5 N</i>)
2	6.3.2.3	Opening and closing forces	ZP-CIBI7HOZE - 2,5 N, 2,5 N ZP-CIBI8HOZE - 2,5 N, 2,0 N ZP-CIBI9HOZE - 2,5 N, 2,0 N	<i>pass</i> (<i>< 20 N</i>)
3	6.3.3	Vertical static load test	Load 15 kg 10 full cycles /back and forth/	<i>pass</i>
4	6.3.4	Horizontal static load	Load 30 N 10 times	<i>pass</i>
5	6.3.5	Slam shut	Load (m 2) 3 kg 10 times	<i>pass</i>
6	6.3.7	Durability	two masses 1 kg 40 000 cycles	<i>pass</i>
7	6.3.8	Deflection (sagging) test	ZP-CIBI7HOZE - 2,4 mm ZP-CIBI8HOZE - 2,4 mm ZP-CIBI9HOZE - 2,1 mm	<i>pass</i> (<i>max. 3,0 mm</i>)
8	6.3.9	Vertical static load test	Load 15 kg 10 full cycles /back and forth/	<i>pass</i>
9	6.3.10	Horizontal static load	Load 30 N 10 times	<i>pass</i>

Positive test result - hinges and their components fulfil their functions after the test.

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60-214 Poznań, ul. Bogusławskiego 16
tel./fax 61 865-26-89
NIP 779-206-14-74, Regon 630681995

PREZES

mgr inż. Łucjan Kokorniak