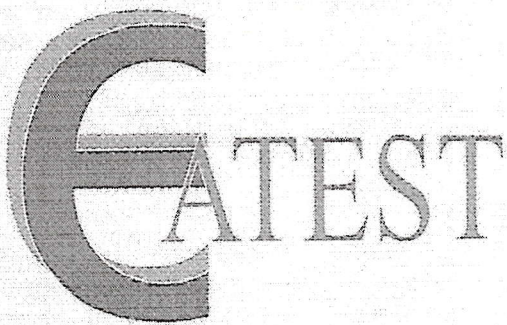




CERTIFICATE
NO 1053/03/OA/01/2019/A
OF PRODUCT COMPLIANCE
WITH REQUIREMENTS OF STRENGTH
AND DURABILITY

It is stated that according to the results of executed tests

parallel hinge short arm (ZP-KTK90H6BE, ZP-KTK90H6ZE)

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 3 test level.

Tests were executed: 14.01.2019 – 24.01.2019

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 Gruszczyń / Poznań
str. Leśna 12 62-006 Kobylnica**

Poznań, 24.01.2019

Signed for and on behalf
“ATEST” Ltd”

DIRECTOR

mgr inż. Lucjan Kokorniak





ENGINEERING CENTRE FOR CREATING
PRODUCT QUALITY
„ATEST” Ltd

Test report number 1053/03/OA/01/2019/A

Page 1

Article tested: parallel hinge short arm (ZP-KTK90H6BE, ZP-KTK90H6ZE)

Test door type C, - particle board – height 1600 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

EN 15338:2007 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		
		parallel hinge short arm (ZP-KTK90H6BE, ZP-KTK90H6ZE)	Load 30 kg 10 full cycles /back and forth/	pass
2	6.2.2	Horizontal static overload		
		parallel hinge short arm (ZP-KTK90H6BE, ZP-KTK90H6ZE)	Load 80 N 10 times	pass

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

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ENGINEERING CENTRE FOR CREATING
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Functional tests

Table 2

EN 15338:2007 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.	9,0 N, 8,5 N	pass (min. 0,5 N)
2	6.3.2.3	Opening and closing forces	5,0 N, 3,0 N	pass (< 20 N)
3	6.3.3	Vertical static load test	Load 20 kg 10 full cycles /back and forth/	pass
4	6.3.4	Horizontal static load	Load 40 N 10 times	pass
5	6.3.5	Slam shut	Load (m 2) 4 kg 10 times	pass
6	6.3.7	Durability	two masses 1 kg 80 000 cycles	pass
7	6.3.8	Deflection (sagging) test	1,9 mm – 2,1 mm	pass (max. 3,0 mm)
8	6.3.9	Vertical static load test	Load 20 kg 10 full cycles /back and forth/	pass
9	6.3.10	Horizontal static load	Load 40 N 10 times	pass

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

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PREZES

mgr inż. Lucjan Karkorniak

