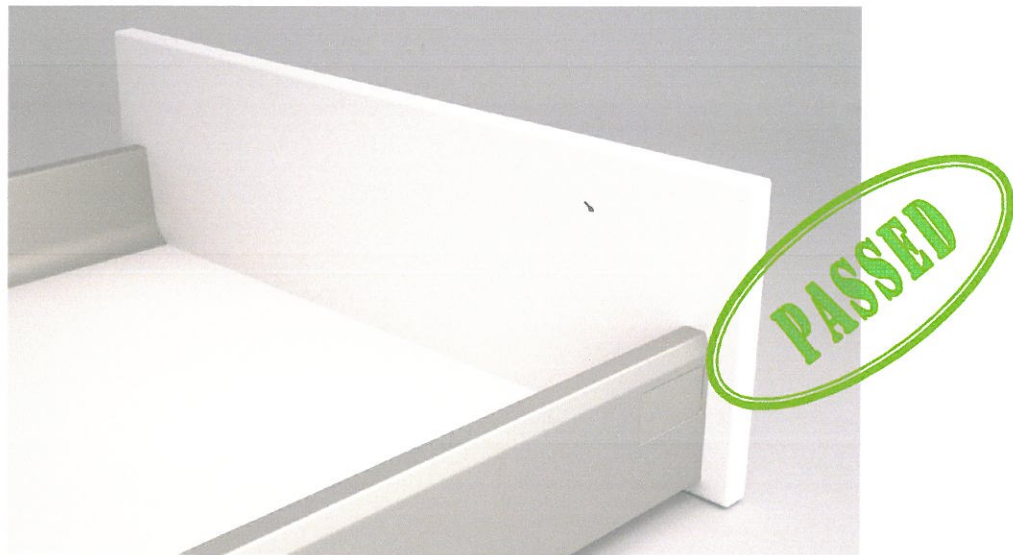


Official Test Result



**Kitchen and Bathroom Drawer
TEN**

**CATAS 117327
ISO 7170:2005**



TEST ON EXTENSION ELEMENT ACCORDING TO ISO 7170:2005

ISO 7170 regulates the international standard for furniture and storage units and allows the determination of strength and durability. The norm foresees different types of tests. After the test series, the drawer shouldn't present the following defaults:

- a) fracture of any component or joint
- b) loosening of any joint intended to be rigid, which can be demonstrated by hand pressure
- c) deformation or wear of any parts or components such as the functioning is impaired
- d) loosening of any means of fixing components to the unit
- e) any impaired function of the unit, component or part

Section 7.5.2: strength of drawer runners

This testing sequence is made to control the strength of the drawer runner when submitted to a load applied to the drawer front in 10 successive cycles. The norm foresees three standard levels of suggested loads:

Level 1: 100N

Level 2: 200N

Level 3: 300N

The Ten drawer was tested at **450N**. The exit of the test was positive, according to the Catas certificate 117327 from the 25.06.2010



Section 7.5.3: durability of extension elements

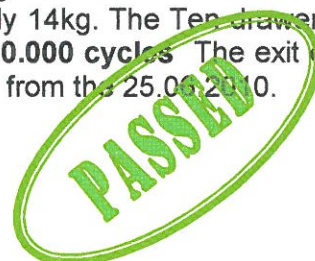
This testing sequence is made to control the durability of the drawer runner when submitted to a number of opening/closing cycles. The norm foresees three standard levels of suggested loads:

Level 1: 20.000 cycles

Level 2: 40.000 cycles

Level 3: 80.000 cycles

The load applied to the drawer according to the norm is depending on the volume. For the drawer with a depth of 450mm and a front height of 120mm tested on a 600mm wide cabinet, the minimum load would be approximately 14kg. The Ten drawer was tested at **35kg** on our request. The drawer was tested to **80.000 cycles**. The exit of the test was positive, according to the Catas certificate 117327 from the 25.06.2010.



Date received: 01-06-10

Date of issue: 25-06-10

Report consists of 2 attached sheets.

Defects before testing: None

Sample name: TEN DRAWER

FORMENTI & GIOVENZANA S.P.A.
VIA PIAVE 55-C.P. 58
20050 VEDUGGIO CON COLZANO (MI)
ITALY**TEST REPORT N° 117327**

Overall dimensions: 600 x 560 x 725 (h) mm (extended uncertainty = 5 mm)

List performed tests

1. Durability of extension elements ISO 7170:2005 clause 7.5.3
2. Strength of drawer runners ISO 7170:2005 clause 7.5.2



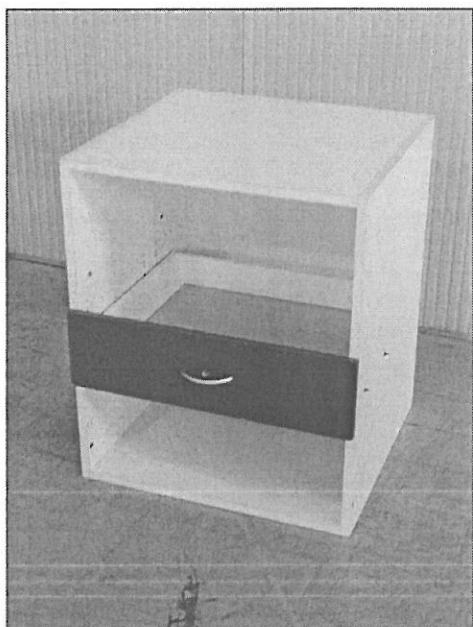
This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

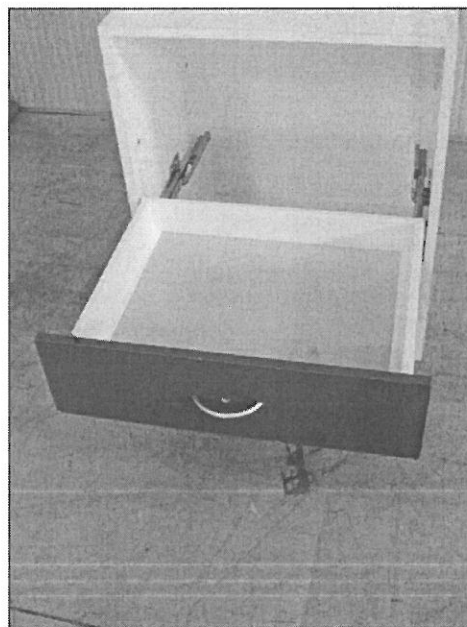
The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

TEST REPORT N° 117327

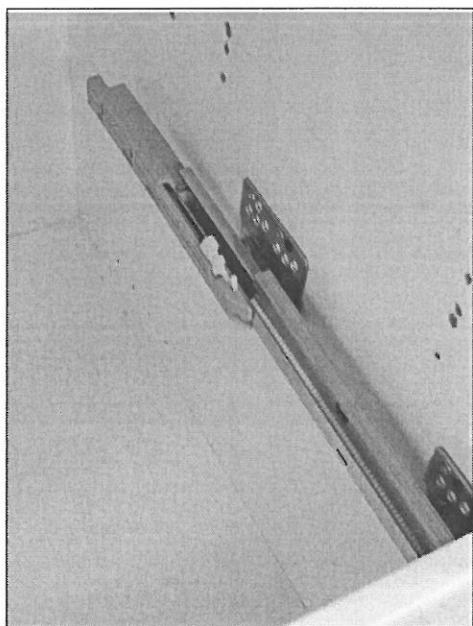
Date of issue: 25-06-10
Sample weight Not determined
Overall dimensions 600 x 560 x 725 (h) mm (*)
Sample name: TEN DRAWER



Drawer closed



Drawer opened



Runner on the drawer

(*) Extended uncertainties of weight and overall dimensions of the sample are 0,1 Kg and 5 mm, respectively

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TEST REPORT**117327 / 1**FORMENTI & GIOVENZANA S.P.A.
VIA PIAVE 55-C.P. 58
20050 VEDUGGIO CON COLZANO (MI)
ITALY

Date received: 01-06-10

Date of test: 07-06-10

Date of issue: 25-06-10

Sample name: TEN DRAWER

Durability of extension elements ISO 7170:2005 clause 7.5.3

Type of runner: metal roller bearing covered by plastic material with closure system

Length of the drawer travel: 435 mm

Inner usable dimensions: 515 x 430 x 120 mm

Test results :

Load on drawer kg	Number of cycles	Remarks
35	80.000	None

Note: number of cycles as table Tab. 1 of BS 4875-7:2006, level 4°

Test has been carried out with the load specified by the client

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Managing Director
Dr. Andrea Giavon

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TEST REPORT**117327 / 2**

Date received: 01-06-10

Date of test: 25-06-10

Date of issue: 25-06-10

Sample name: TEN DRAWER

FORMENTI & GIOVENZANA S.P.A.
VIA PIAVE 55-C.P. 58
20050 VEDUGGIO CON COLZANO (MI)
ITALY**Strenght of drawer runners ISO 7170:2005 clause 7.5.2**

Type of runner: metal roller bearing covered by plastic material with closure system

Lenght of the drawer travel (L): 435 mm

Inner usable dimensions: 515 x 430 x 120 mm

Test results:

Vertical force N	Number of cycles	Remarks
450	10	None

Note: vertical force as table Tab. 1 of BS 4875-7:2006, level 5°

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Managing Director
Dr. Andrea Giavon

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