

Date received: 23/12/11

Date of issue: 29/03/12

Report consists of 2 test reports.

Defects before testing: None

Sample name: Cerniera KIMANA.

FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA**SAMPLE N° 136210**

Overall dimensions: 1200 x 370 x 450 (h) mm


**List performed tests:**

1. Vertical downwards static overload EN 15828:2010, clause. 6.2.1
2. Durability test EN 15828:2010, clause 6.3.6



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Managing Director  
Dr. Andrea Giavon



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## TEST REPORT

# 136210 / 1

Date received: 23/12/11  
Date of test: 12/02/12  
Date of issue: 29/03/12



Sample name: Cerniera KIMANA.

FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA

### Vertical downwards static overload EN 15828:2010, clause. 6.2.1

Type of door: bottom hinged flaps, with three KIMANA horizontal axis hinges

Dimensions: 1200 x 450 x 20 mm

Declared material: wood based panel SL 20

Weight: 6,5 kg

Declared fixing screw: TSP 3,5x16

#### Test results:

Vertical force N	Force application point	Number of cycles	Load application time sec.	Remarks
200	Right corner	10	20	None
200	Left corner	5	20	None

Note: vertical force as Tab. B.2 (annex B) Test level 3 of EN 15828:2010.

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*Managing Director*  
*Dr. Andrea Glavon*

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**TEST REPORT****136210 / 2**Date received: 23/12/11  
Date of test: 12/02/12  
Date of issue: 29/03/12

Sample name: Cerniera KIMANA.

FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA**Durability test EN 15828:2010, clause 6.3.6**

Type of door: bottom hinged flaps, with three KIMANA horizontal axis hinges

Dimensions: 1200 x 450 x 20 mm

Declared material: wood based panel SL 20

Weight: 6,5 kg

Declared fixing screw: TSP 3,5x16

Application point: at the middle of the door, 50 mm from the external edge.

Tests results:

Number of cycles	Remarks
40000	None

Note: number of cycles as customer specifications.

Note: number of cycles required by Tab. B.3 (annex B) Test level 3 of EN 15828:2010: 20.000

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Managing Director  
Dr. Andrea Giavon

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Date received: 23/12/11

Date of issue: 20/02/12

Report consists of 2 test reports.

Defects before testing: None

Sample name: Cerniera KIMANA, distanziale anta H 1,5 distanziale fondo H 4.

FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA**SAMPLE N° 136211**

Overall dimensions: 1200 x 370 x 450 (h) mm


**List performed tests:**

1. Vertical downwards static overload EN 15828:2010, clause. 6.2.1
2. Durability test EN 15828:2010, clause 6.3.6



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Managing Director  
Dr. Andrea Giavon



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**TEST REPORT****136211 / 1**Date received: 23/12/11  
Date of test: 02/02/12  
Date of issue: 20/02/12FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA

Sample name: Cerniera KIMANA, distanziale anta H 1,5 distanziale fondo H 4.

**Vertical downwards static overload EN 15828:2010, clause. 6.2.1**

Type of door: bottom hinged flaps, with three KIMANA horizontal axis hinges

Dimensions: 1200 x 450 x 16 mm

Declared material: wood based panel SL 26

Weight: 5 kg

Declared fixing screw: TSP 3,5x16

## Test results:

Vertical force N	Force application point	Number of cycles	Load application time sec.	Remarks
200	Right corner	10	20	None
200	Left corner	5	20	None

Note: vertical force as Tab. B.2 (annex B) Test level 3 of EN 15828:2010.

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Managing Director  
Dr. Andrea Gravan

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**TEST REPORT****136211 / 2**Date received: 23/12/11  
Date of test: 02/02/12  
Date of issue: 20/02/12FERRAMENTA LIVENZA S.R.L.  
VIALE L. ZANUSSI 21  
33070 MARON DI BRUGNERA (PN)  
ITALIA

Sample name: Cerniera KIMANA, distanziale anta H 1,5 distanziale fondo H 4.

**Durability test EN 15828:2010, clause 6.3.6**

Type of door: bottom hinged flaps, with three KIMANA horizontal axis hinges

Dimensions: 1200 x 450 x 16 mm

Declared material: wood based panel SL 20

Weight: 5 kg

Declared fixing screw: TSP 3,5x16

Application point: at the middle of the door, 50 mm from the external edge.


Tests results:

Number of cycles	Remarks
40000	None

Note: number of cycles as customer specifications.

Note: number of cycles required by Tab. B.3 (annex B) Test level 3 of EN 15828:2010: 20.000

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Managing Director  
Dr. Andrea Giavon

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