

TEST REPORT

121130 / 1

Date received: 01/10/10

Date of test: 04/10/10

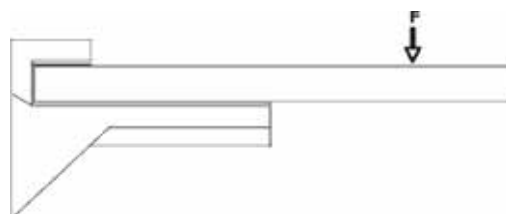
Date of issue: 04/10/10

Sample name: KALABRONE

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

Flexural strength at a concentrated load - Catas procedure

Number of specimens: 4 for each bracket
Bracket dimensions: 200 x 100 mm
Material declared: Covered particleboard
Test conditions: 23 ± 2 °C
Test equipment: Instron dynamometer mod. 5585
Test speed: 5 mm/min



Test procedure specified by the customer:

The shelf bracket is assembled on a rigid vertical bracket, using the provided fixing screw.

The bracket is assembled as specified by the customer.

The concentrated load is applied at 160 mm from the fixing system.

Test results:

Bracket Thickness 8 mm	Load application point mm	Maximum load N	Maximum moment Nm	Remarks
1	160	1.700	272	Partial breakage of the rear fork
2	160	1.847	296	Partial breakage of the rear fork
3	160	1.862	298	Partial breakage of the rear fork
4	160	1.861	298	Partial breakage of the rear fork
Mean value		1.818	291	

Bracket Thickness 30 mm	Load application point mm	Maximum load N	Maximum moment Nm	Remarks
1	160	1.343	215	Partial breakage of the rear fork
2	160	1.391	223	Partial breakage of the rear fork
3	160	1.403	224	Partial breakage of the rear fork
4	160	1.332	213	Partial breakage of the rear fork
Mean value		1.367	219	

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Managing Director
Dr. Andrea Giavon

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TEST REPORT

121130 / 2

Date received: 01/10/10

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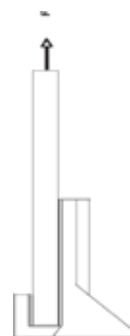
Date of issue: 04/10/10

Sample name: KALABRONE

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

Tensile strength - Catas Procedure

Number of specimens: 1
Bracket dimensions: 200 x 100 mm
Material declared: Covered particleboard
Test conditions: 23 ± 2 °C
Test equipment: Instron dynamometer mod. 5585
Test speed: 5 mm/min



Test procedure specified by the customer:

The shelf bracket is assembled on a rigid vertical bracket, using the provided fixing screw.

The bracket is assembled as specified by the customer.

The tensile load is applied until the withdrawal of bracket has been noticed.

Test results:

Bracket Thickness 30 mm	Maximum load N	Remarks
1	349	Partial withdrawal of the bracket

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*Managing Director
Dr. Andrea Giavon*