

TEST REPORT

108196 / 1

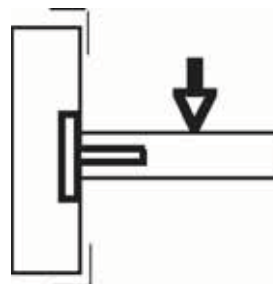
Date received: 15/07/09
Date of test: 31/08/09
Date of issue: 31/08/09

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

Sample name: Reggimensola a scomparsa TRIADE mini SL25

Bracket: Flexural strength - Catas procedure

N. of shelf support: 2
Dimensions of bracket: 500 x 300 x 25 mm
Material declared: Particleboard
Test conditions: 20±5°C
Test equipment: Instron dynamometer mod. 5585
Test speed: 5 mm/min



Test procedure specified by the customer:

Two shelf supports are fixed by means of self tapping screws on a wood support.
The bracket is assembled as in use.
The load is applied at 150 mm from the fixing system until a breakage occurs.

Test results:

Load application point mm	Deformation (load applied:300N)		Maximum load N	Deformation at maximum load		Remarks
	under load mm	permanent mm		under load mm	permanent mm	
150	8,0	1,4	1.016	53	22	Partial withdrawal of bracket and its deformation under load and close to shelf supports have been noticed

Note: During the test both shelf supports have not noticed breakages or permanent deformations.

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

108196 / 2

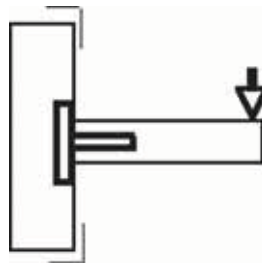
Date received: 15/07/09
 Date of test: 31/08/09
 Date of issue: 31/08/09

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

Sample name: Reggimensola a scomparsa TRIADE mini SL25

Compression strength at indoor temperature PTP 38:1994

N. of shelf support: 2
 Dimensions of bracket: 500 x 300 x 25 mm
 Material declared: Particleboard
 Test conditions: 20±5°C
 Test equipment: Instron dynamometer mod. 5585
 Test speed: 5 mm/min



Test procedure specified by the customer:

Two shelf supports are fixed by means of self tapping screws on a wood support.
 The bracket is assembled as in use.
 The load is applied at 290 mm from the fixing system until a breakage occurs.

Test results:

Load application point mm	Deformation (load applied:300N)		Maximum load N	Deformation at maximum load		Remarks
	under load mm	permanent mm		under load mm	permanent mm	
290	40	12	517	105	52	Partial withdrawal of bracket and its deformation under load and close to shelf supports have been noticed

Note: During the test both shelf supports have not noticed breakages or permanent deformations.

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.