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GIORDANO



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Cod. Fisc./P.Iva 00 549 540 409 - Cap. Soc. € 1.500.000 i.v.  
R.E.A. c/o C.C.I.A.A. (RN) 156766  
Registro Imprese di Rimini n. 00 549 540 409

## TEST REPORT No. 297664

**Place and date of issue:** Bellaria-Igea Marina - Italy, 05/09/2012

**Customer:** ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece

**Date test requested:** 29/05/2012

**Order number and date:** 56594, 05/06/2012

**Date specimen received:** 19/07/2012

**Test date:** 24/07/2012

**Purpose of test:** resistance to horizontal linear static loading in accordance with Ministry of Infrastructures Decree dated 14/01/2008 and resistance to dynamic loading in accordance with standards UNI 10807:1999 and NF P01-013:1988

**Test site:** Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

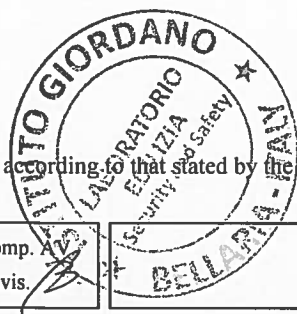
**Specimen origin:** sampled and supplied by the Customer

**Identification of specimen received:** No. 2012/1579

### Specimen name\*.

The test specimen is called "M8100 R-External Glass".

(\* according to that stated by the Customer.



Comp.   
Revis.

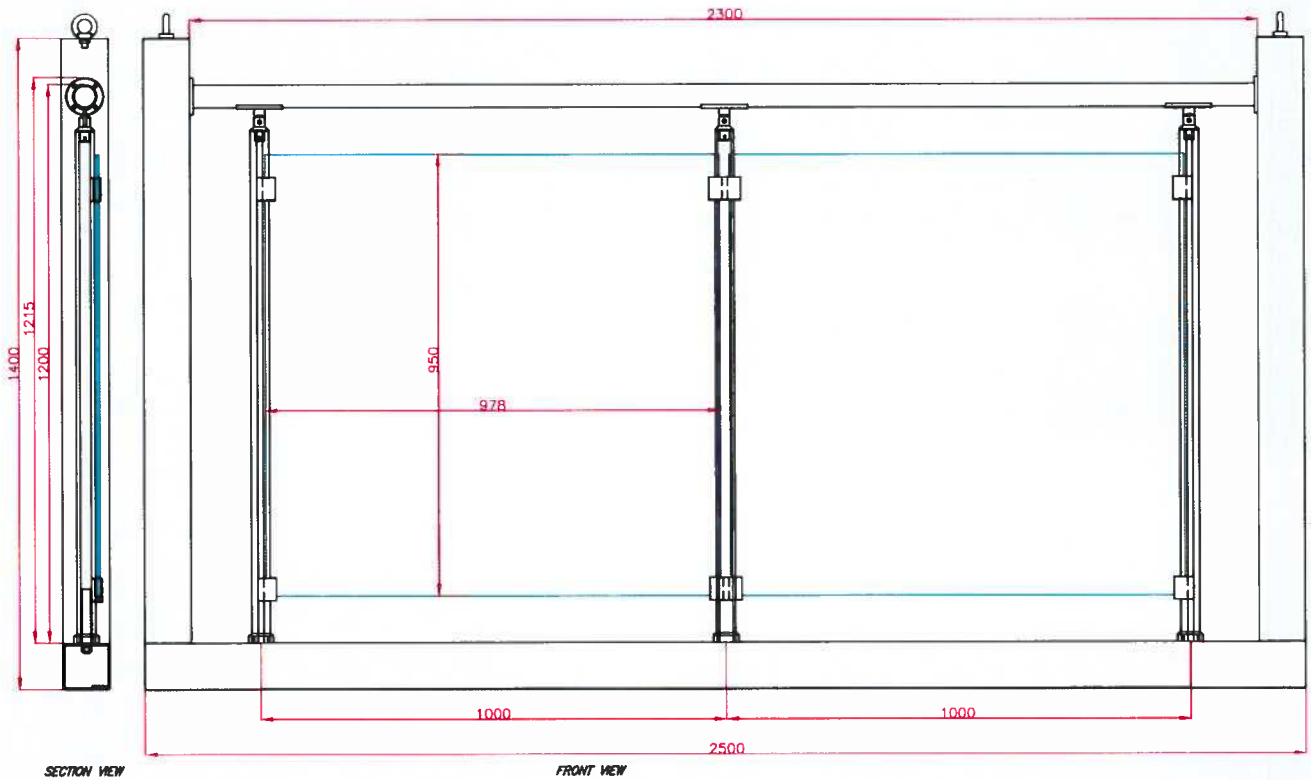
This test report consist of 8 sheets.

Sheet  
1 of 8

**Description of specimen\*.**

The test specimen is a railing described in following drawings.

**ELEVATION AND CROSS SECTION**



SECTION VIEW

FRONT VIEW

(\*) according to that stated by the Customer.



**Findings.**

On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999 and NF 08-301:1991, the test specimen, a railing called "M8100 R-External Glass" submitted by the company ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece, obtains the results given in the following table.

Test	Normative reference	Requirement	Result
Horizontal linear static load	Ministry of Infrastructures Decree dated 14/01/2008 (table 3.1.II)	1,0 kN/m	compliant
Dynamic load	UNI 10807:1999	300 mm	compliant
	NF 08-301:1991	1200 mm	compliant

The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

This test report alone shall not be considered a certificate of conformity.

Test Technician  
(Dott. Ing. Paolo Bertini)



Head of  
Security and Safety Laboratory  
(Geom. Roberto Porta)

Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Iommi



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## TEST REPORT No. 297663

**Place and date of issue:** Bellaria-Igea Marina - Italy, 05/09/2012

**Customer:** ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece

**Date test requested:** 29/05/2012

**Order number and date:** 56594, 05/06/2012

**Date specimen received:** 19/07/2012

**Test date:** 24/07/2012

**Purpose of test:** resistance to horizontal linear static loading in accordance with Ministry of Infrastructures Decree dated 14/01/2008 and resistance to dynamic loading in accordance with standard UNI 10807:1999

**Test site:** Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy


**Specimen origin:** sampled and supplied by the Customer

**Identification of specimen received:** No. 2012/1579

### Specimen name\*.

The test specimen is called "M8100 R-Internal Glass".

(\* according to that stated by the Customer.

Comp. AV  
Revis. 

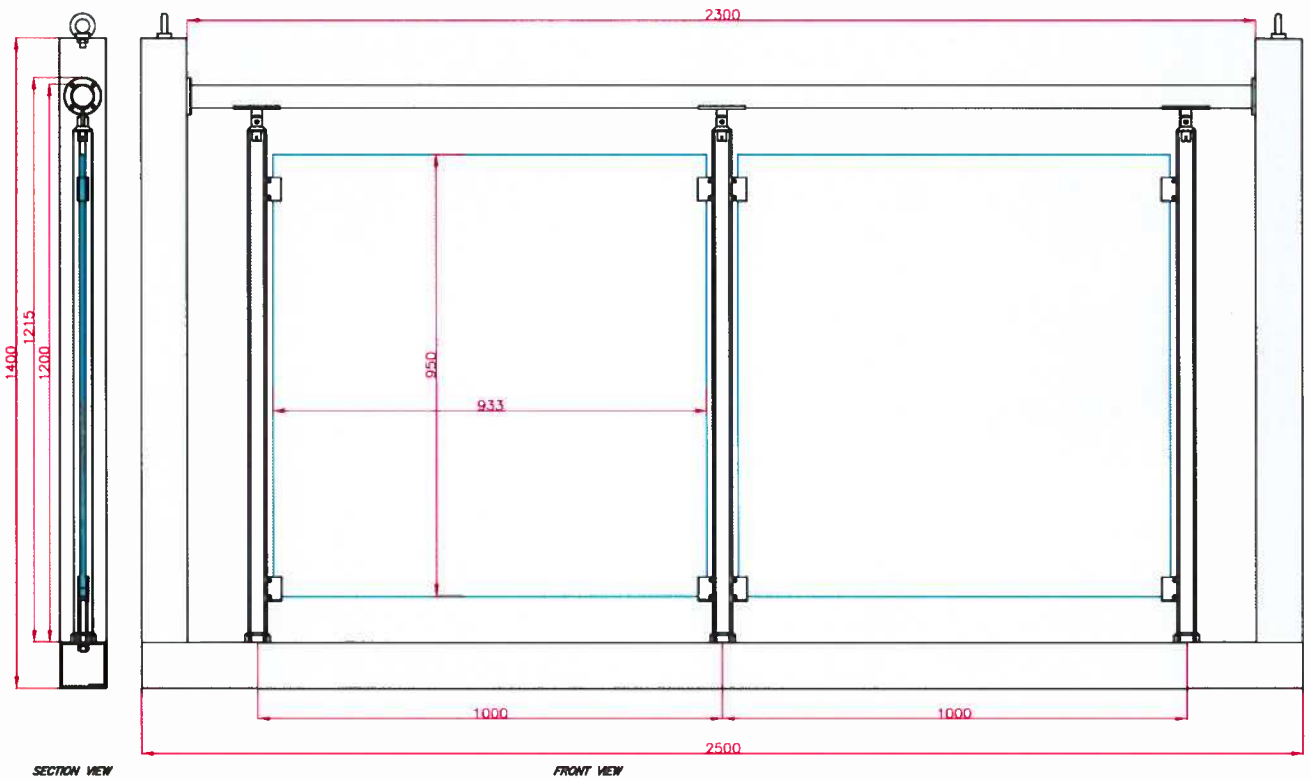
This test report consist of 8 sheets.

Sheet  
1 of 8

**Description of specimen\*.**

The test specimen is a railing described in following drawings.

**ELEVATION AND CROSS SECTION**



(\*) according to that stated by the Customer.



### Findings.

On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8100 R-Internal Glass" submitted by the company ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece, obtains the results given in the following table.

Test	Normative reference	Requirement	Result
horizontal linear static load	Ministry of Infrastructures Decree dated 14/01/2008 (table 3.1.II)	2,0 kN/m	compliant
dynamic load	UNI 10807:1999	300 mm	compliant

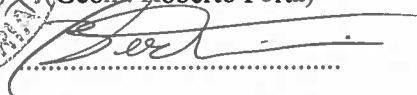
The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

This test report alone shall not be considered a certificate of conformity.

Test Technician  
(Dott. Ing. Paolo Bertini)




Head of  
Security and Safety Laboratory  
(Geom. Roberto Porta)



Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Iommi





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## TEST REPORT No. 297665

**Place and date of issue:** Bellaria-Igea Marina - Italy, 05/09/2012

**Customer:** ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece

**Date test requested:** 29/05/2012

**Order number and date:** 56594, 05/06/2012

**Date specimen received:** 19/07/2012

**Test date:** 25/07/2012

**Purpose of test:** resistance to horizontal linear static loading in accordance with Ministry of Infra-structures Decree dated 14/01/2008 and resistance to dynamic loading in accordance with standards UNI 10807:1999 and UNI EN 14019:2004

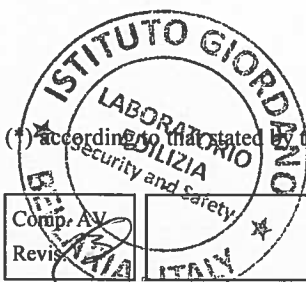
**Test site:** Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

**Specimen origin:** sampled and supplied by the Customer

**Identification of specimen received:** No. 2012/1579

### Specimen name\*.

The test specimen is called "M8100 Sq-Internal Glass".



(\* according to what stated by the Customer.

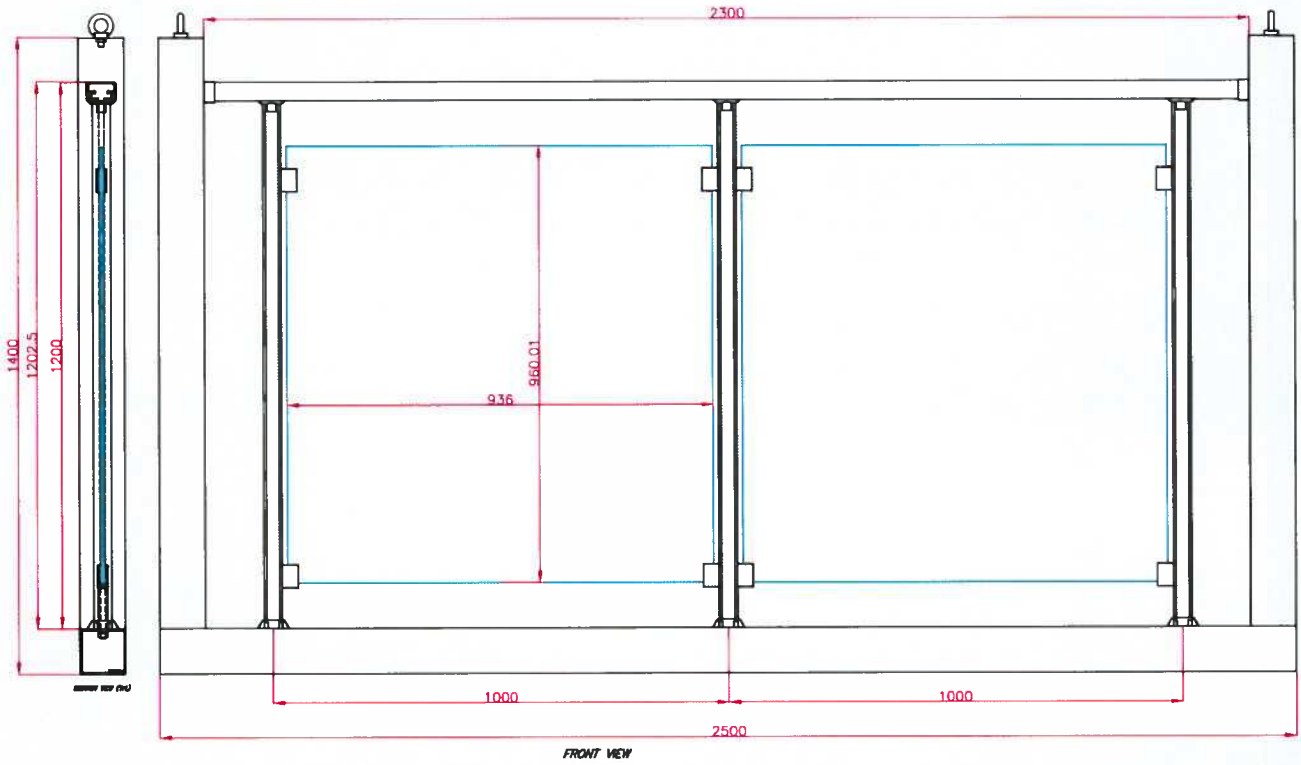
This test report consist of 9 sheets.

Sheet  
1 of 9

**Description of specimen\*.**

The test specimen is a railing described in following drawings.

**ELEVATION AND CROSS SECTION**



(\* according to that stated by the Customer.





### Findings.

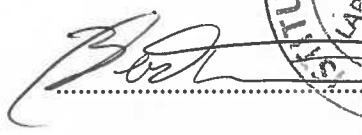
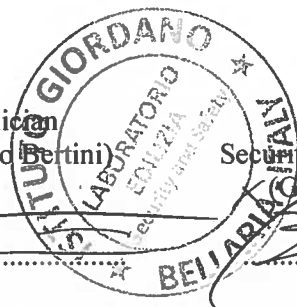
On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999 and UNI EN 14019:2004, the test specimen, a railing called M8100 Sq-Internal Glass" submitted by the company ALUMIL ALUMINIUM INDUSTRY S.A. - Industrial Area - 61100 KILKIS - Greece, obtains the results given in the following table.

Test	Normative reference	Requirement	Result
horizontal linear static load	Ministry of Infrastructures Decree dated 14/01/2008 (table 3.1.II)	1,0 kN/m	compliant
dynamic load	UNI 10807:1999	300 mm	compliant
	UNI EN 14019:2004	950 mm	compliant (class 15)

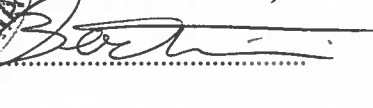
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Test Technician  
(Dott. Ing. Paolo Bertini)

Head of  
Security and Safety Laboratory  
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Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Tommi

