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

## TEST REPORT No. 297658

**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 Infrastructures Decree dated 14/01/2008 and resistance to dynamic loading in accordance with standards UNI 10807:1999, NF P01-013:1988 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 "M8200 10+10 Side Mount FA".

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

Comp. AV  
Revis

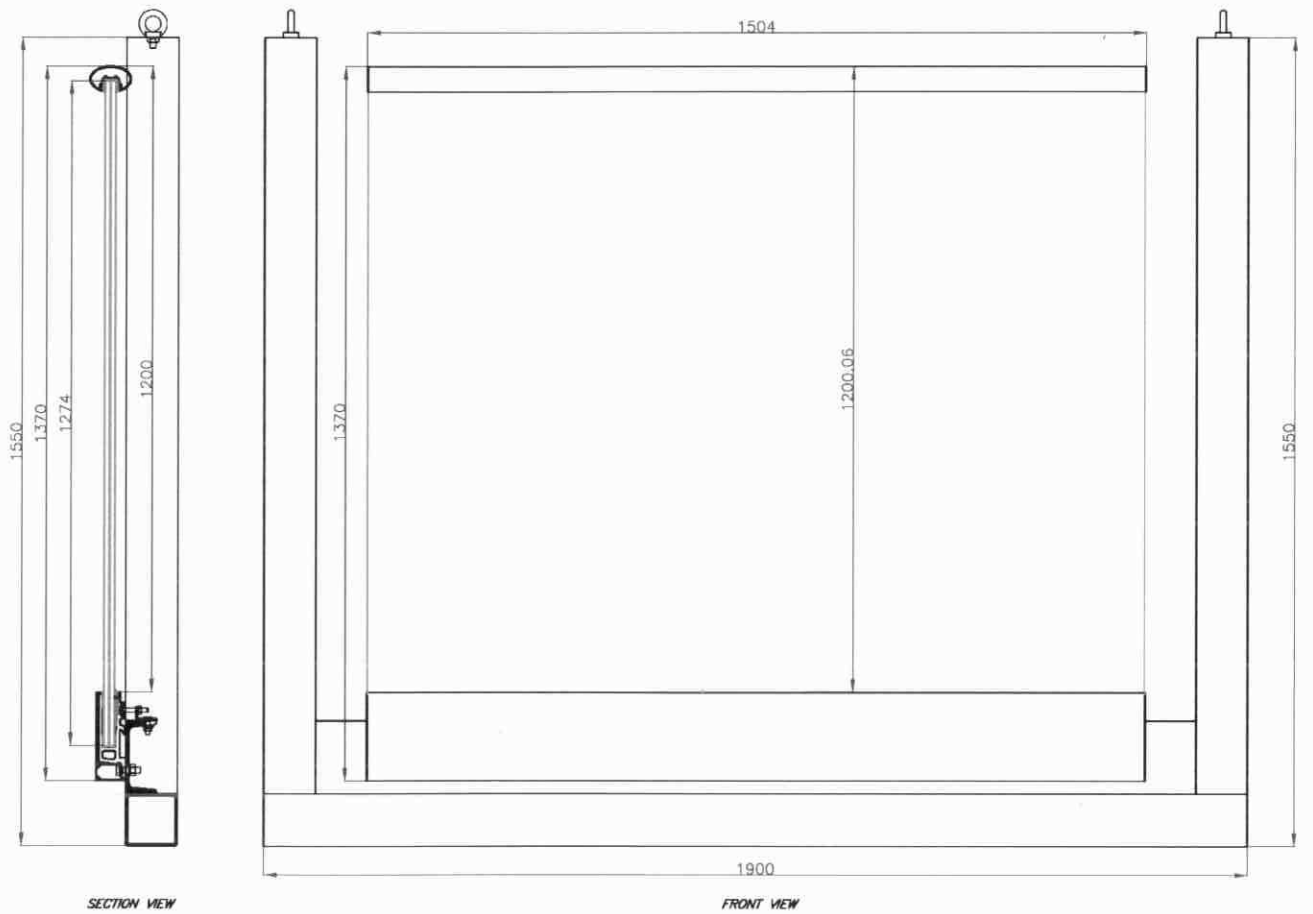
This test report consist of 9 sheets.

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.

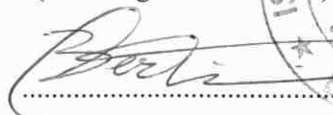
On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8200 10+10 Side Mount FA" submitted by the company ALUMIL ALUMINIUM 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            |
|                               | UNI EN 14019:2004  | 950 mm      | compliant (class I5) |

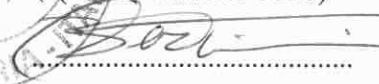
The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

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

Test Technician  
(Dott. Ing. Paolo Berini)




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. 297657

**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, NF P01-013:1988 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 "M8200 10+10 Side Mount SA".

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

Comp. AV  
Revis.

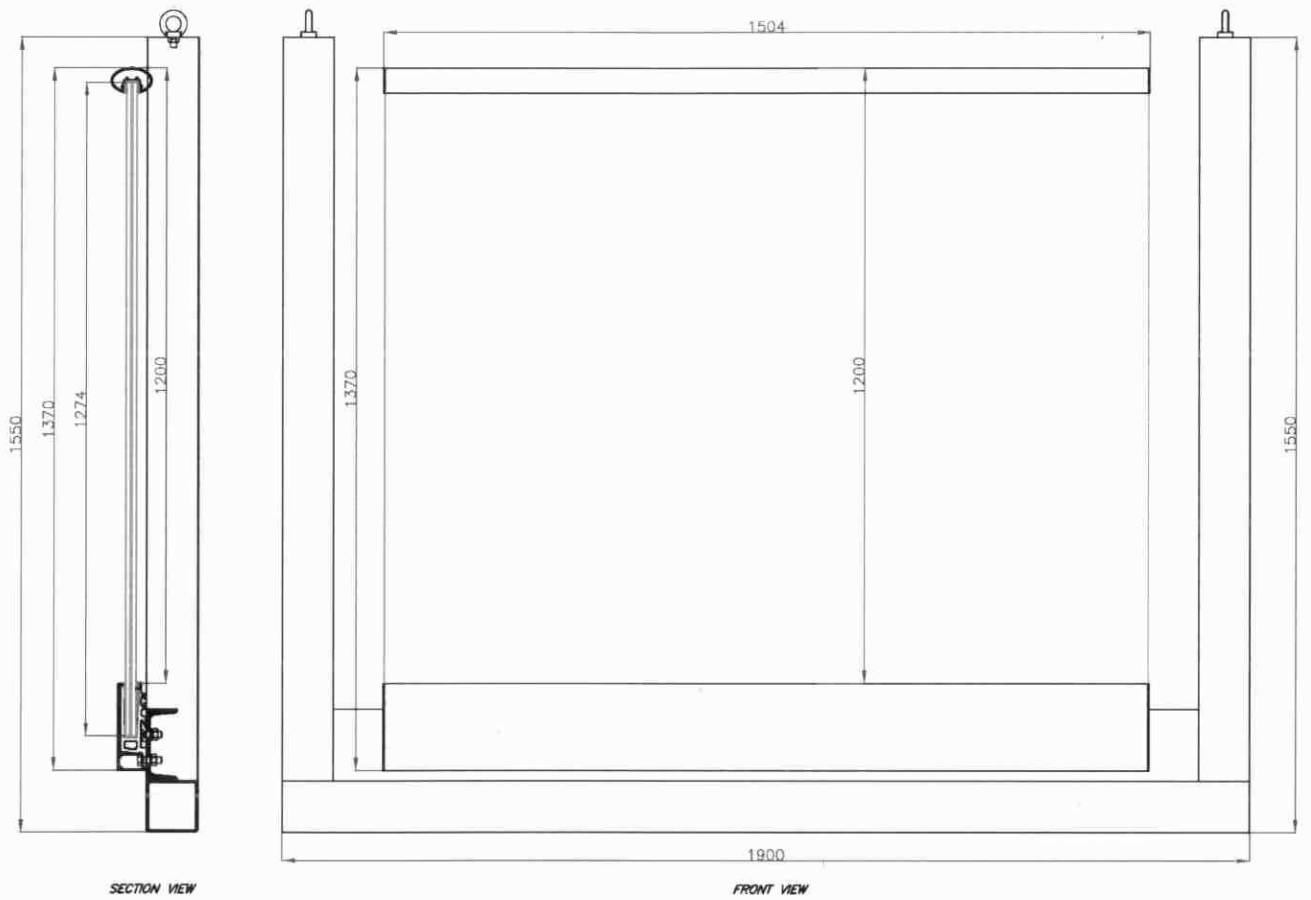
This test report consist of 9 sheets.

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, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8200 10+10 Side Mount SA" 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            |
|                               | UNI EN 14019:2004  | 950 mm      | compliant (class I5) |

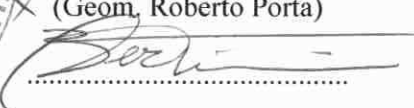
The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

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

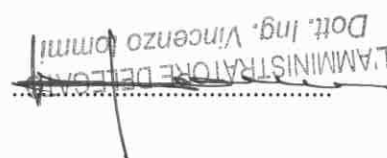
Test Technician  
(Dott. Ing. Paolo Bertini)



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



Managing Director

  
L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Comini



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## TEST REPORT No. 297659

**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, NF P01-013:1988 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 "M8200 10+10 Top Mount".

(\* according to that stated by the Customer.

Comp. AV  
Revis

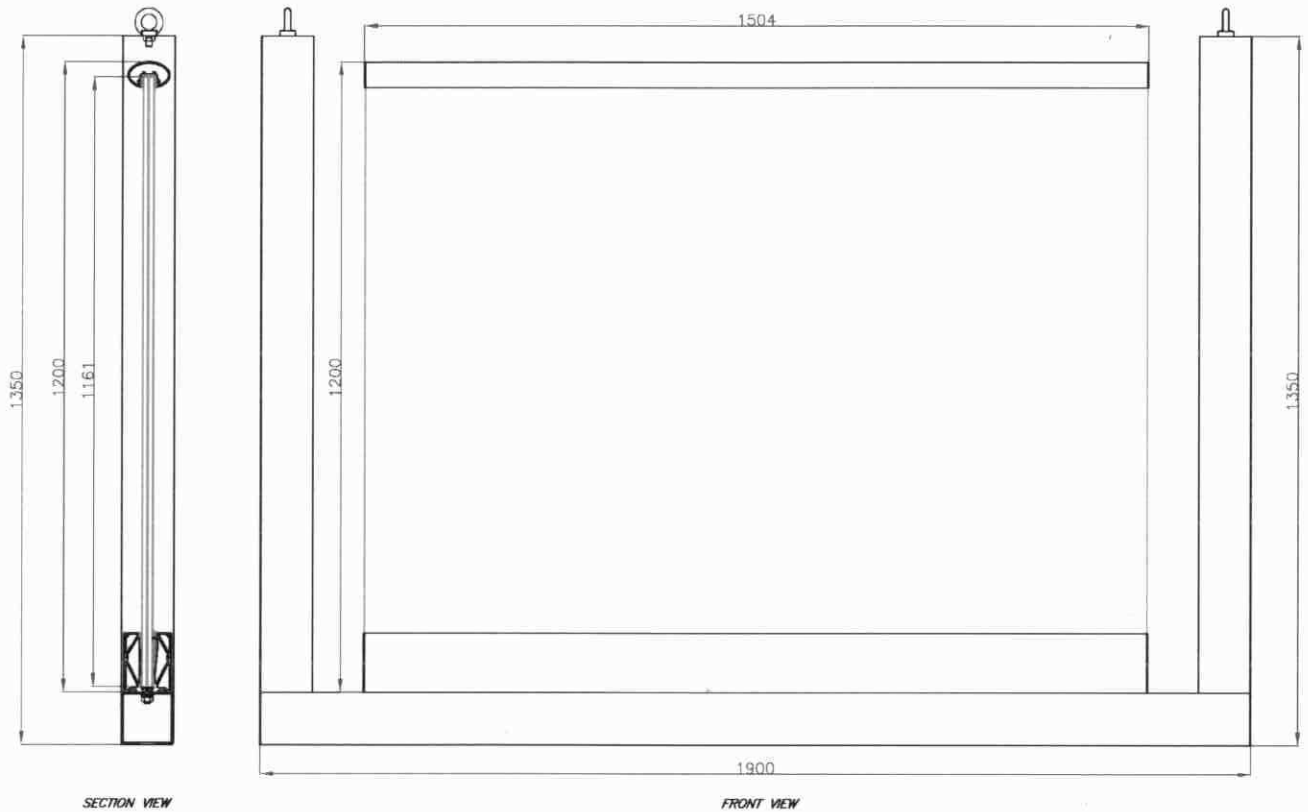
This test report consist of 9 sheets.

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.

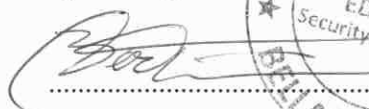
On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8200 10+10 Top Mount" submitted by the company ALUMIL ALUMINIUM 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            |
|                               | NF 08-301:1991   | 1200 mm     | compliant            |
|                               | UNI EN 14019:2004  | 950 mm      | compliant (class I5) |

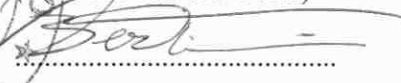
The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

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Test Technician  
(Dott. Ing. Paolo Bertini)

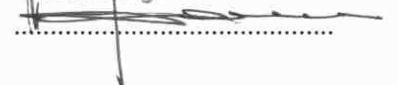



Head of  
Security and Safety Laboratory  
(Geom. Roberto Porta)



Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Iommi





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## TEST REPORT No. 297661

**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:** 24/08/2012

**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, NF P01-013:1988 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 "M8200 8+8 Side Mount FA".

(\* according to that stated by the Customer.

Comp. AV  
Revis



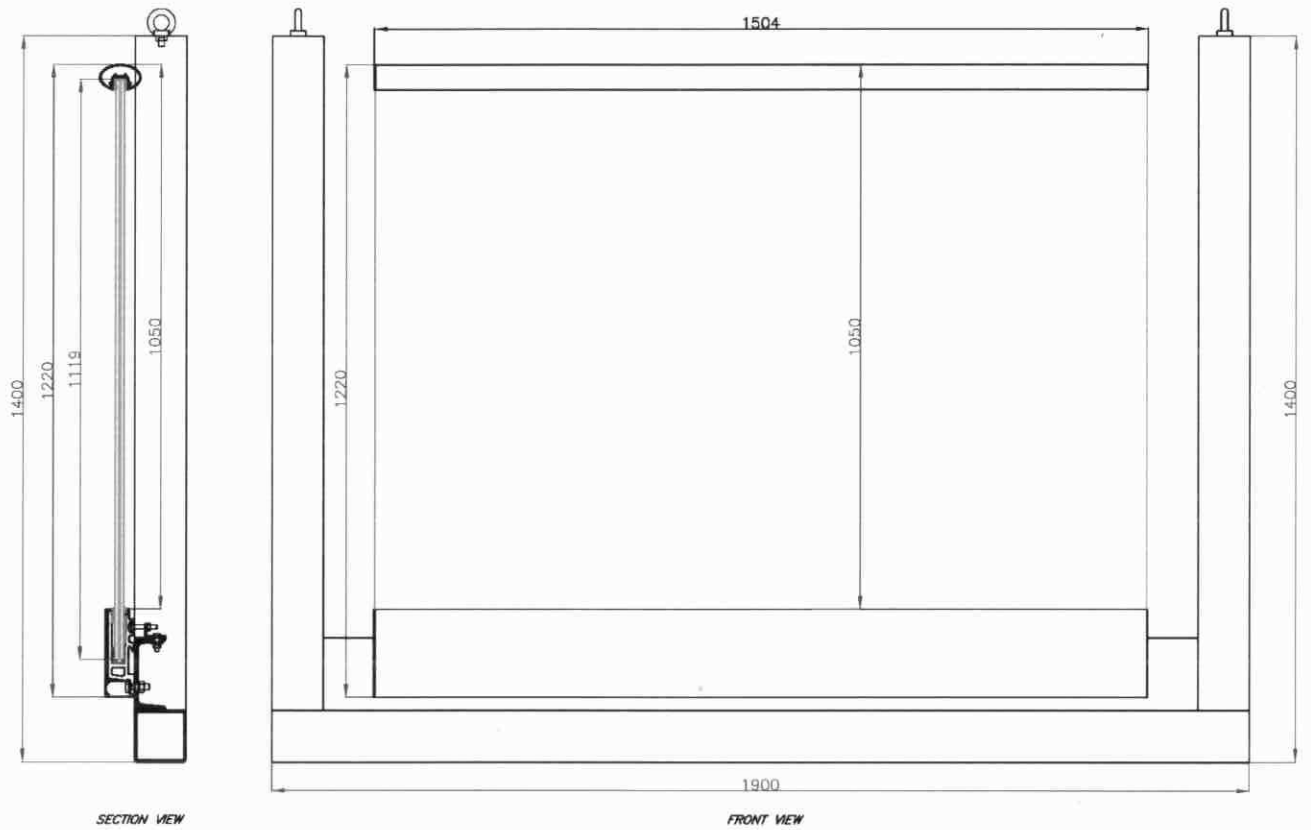
This test report consist of 9 sheets.

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.

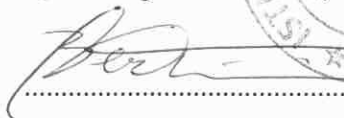
On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8200 8+8 Side Mount FA" submitted by the company ALUMIL ALUMINIUM 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            |
|                               | UNI EN 14019:2004  | 950 mm      | compliant (class I5) |

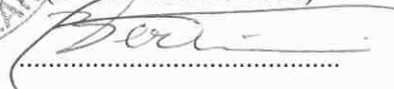
The results given refer exclusively to the test specimen itself and are only valid under the same conditions in which testing was carried out.

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Test Technician  
(Dott. Ing. Paolo Bertin)




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



Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Iommi





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Registro Imprese di Rimini n. 00 549 540 409

## TEST REPORT No. 297660

**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:** 24/08/2012

**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, NF P01-013:1988 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

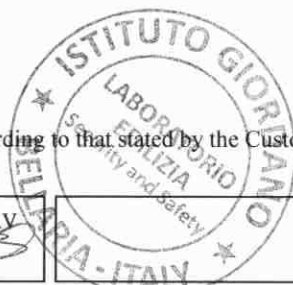
**Identification of specimen received:** No. 2012/1579

### Specimen name\*.

The test specimen is called "M8200 8+8 Side Mount SA".

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

Comp. AV  
Revis



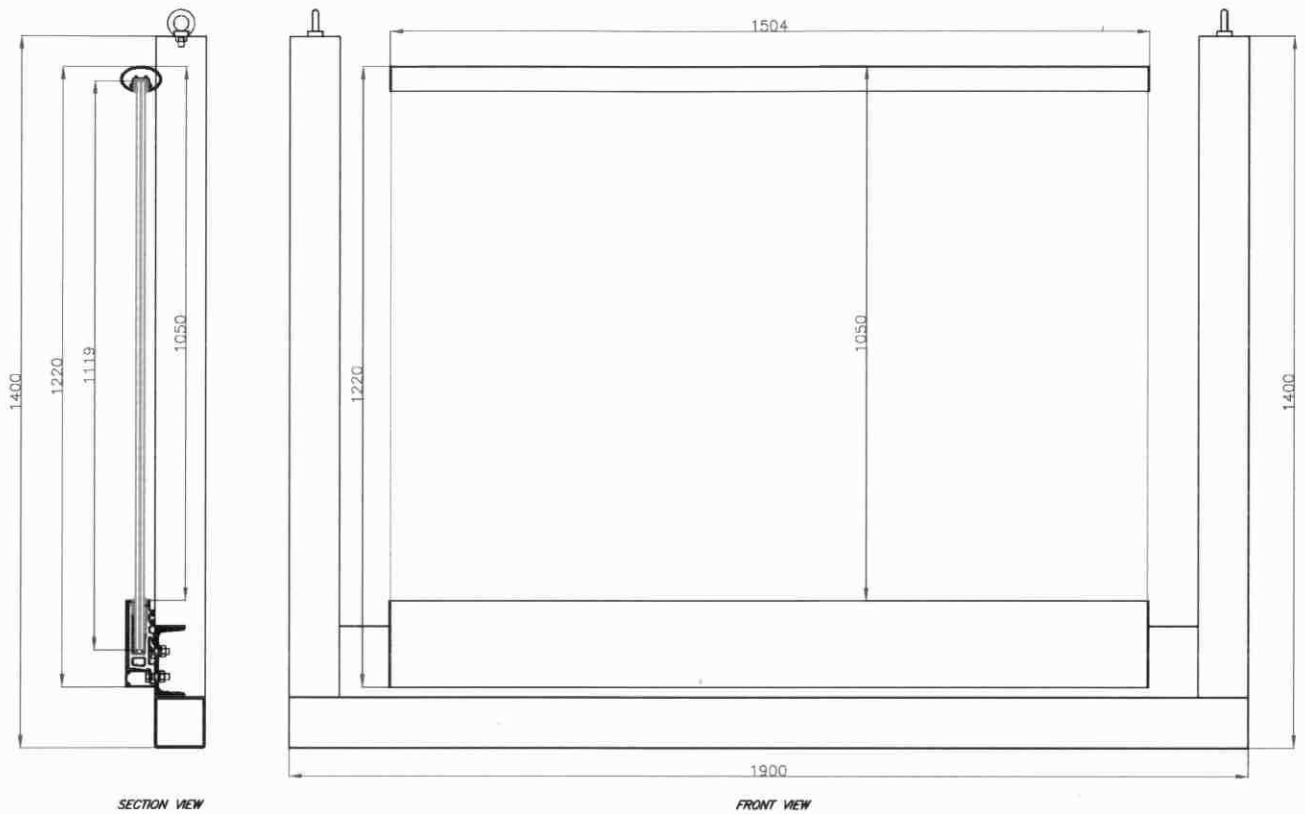
This test report consist of 9 sheets.

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.

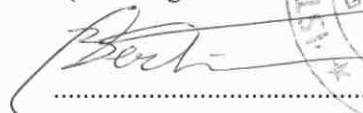
On the basis of the test performed, the results obtained and the provisions of Ministry of Infrastructures Decree dated 14/01/2008 and standards UNI 10807:1999, NF 08-301:1991 and UNI EN 14019:2004, the test specimen, a railing called "M8200 8+8 Side Mount SA" submitted by the company ALUMIL ALUMINIUM 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            |
|                               | UNI EN 14019:2004  | 950 mm      | compliant (class I5) |

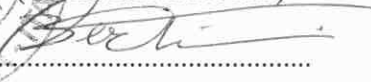
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Test Technician  
(Dott. Ing. Paolo Bertini)




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



Managing Director

L'AMMINISTRATORE DELEGATO  
Dott. Ing. Vincenzo Iommi

