

**COSMOB**

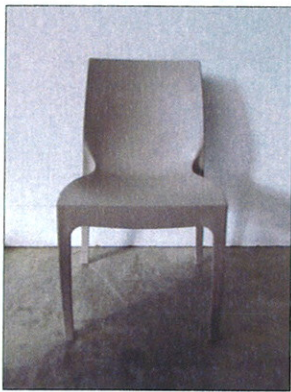
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.1**

Date of receipt	13/01/2015	For the attention of <b>IGAP S.p.A.,</b> Via Aldo Moro 1/D, 46016 Cogozzo (MN)	
Start of the test	15/01/2015		
End of the test	15/01/2015		
Sample identification	Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01		
Standard	UNI EN 581-1:2006	Title	Outdoor furniture. Part 1: General safety requirements.



TEST RESULTS

Characteristic	Result	Notes
<b>Edges and corners</b>		
For seating, the edges and corners of the seat, back rest and arm rests which are directly in contact with the user when sitting, lying or reclining shall be rounded or chamfered.	Successful	---
For table tops the edges and corners which are directly in contact with the user shall be rounded or chamfered.	Not applicable	---
All other edges and corners of seating and tables, accessible during use shall be free from burrs or/and sharp edges.	Successful	---
<b>Tubular components, holes and gaps accessible during use</b>		
Tubular components, holes and gaps accessible during use shall be covered if a 7 mm or a 12 mm test probe (Clause 4) can be pushed into them in any direction with a maximum force of 30 N to a depth of more than 10 mm and cannot be pulled out again in the reverse direction by a maximum force of 30 N.	Successful	---
Bottom of tubular legs shall be capped or plugged	Successful	---
<b>Shear and squeeze points</b>		
Unless 5.3.2 or 5.3.3 are applicable, shear and squeeze points that are created only during setting up or folding are acceptable providing the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain.	Not applicable	---

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**Test Report n° TR 001615-01.1**

Characteristic	Result	Notes
<b>Shear and squeeze points</b>		
The edges of parts moving relative to each other and creating shear and squeeze points shall be as specified in 5.1.	Not applicable	---
There shall be no accessible shear and squeeze points created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs, gas lifts.	Not applicable	---
There shall be no accessible no shear and squeeze points created by loads applied during normal use. For seating, the loads applied during normal use can be found in ENV 581-2, and for tables in EN 581-3.	Successful	---
Shear and squeeze points are not accetable if a hazard is created by the weight of the user during normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest.	Not applicable	---

At the end of the test, sample meets the requirements to par. 5 of standard UNI EN 581-1:2006.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

This document is the English translation of the report issued in date 20/02/2015, n° RP001615-01.1, for Igap S.p.A.

Mechanical Area Manager  
Dr. Luca Tomassini

Laboratory Technical Manager  
Eng. Francesco Balducci

Montelabbate: March 5<sup>th</sup>, 2015.

*I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.*

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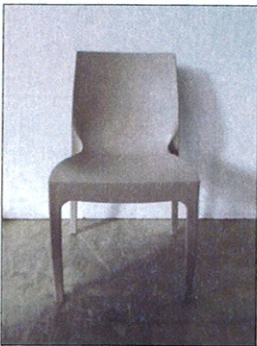
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.2**

Date of receipt	13/01/2015	<b>For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)</b>	
Start of the test	15/01/2015		
End of the test	15/01/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 1 Seat and back static load test.



## TEST RESULTS

<b>Destination of use:</b>	contract use
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Applied force on seat (N)	Applied force on back (N)	Number of cycles	Result
2000 N	560 N	10 x 10 s + 1 x 30 min	Successful

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfils its functions after removal of the test loads and seating fulfils the stability requirements. The sample fulfils the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

This document is the English translation of the report issued in date 20/02/2015, n° RP001615-01.2, for Igap S.p.A.

Mechanical Area Manager  
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Montelabbate: March 5<sup>th</sup>, 2015.

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LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report****n° TR 001615-01.3**

Date of receipt	13/01/2015	<b>For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)</b>	
Start of the test	15/01/2015		
End of the test	15/01/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Mechanical safety requirements and test methods for seating. Test 2 Seat front edge static load test.



## TEST RESULTS

<b>Destination of use:</b>	contract use
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Applied force	Number of cycles	Result
1300 N	10 x 10 s + 1 x 30 min	Successful

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfills its functions after removal of the test loads and seating fulfils the stability requirements. The specimen fulfils the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
Dr. Luca Tomassini

Laboratory Technical Manager  
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Montelabbate: March 5<sup>th</sup>, 2015.

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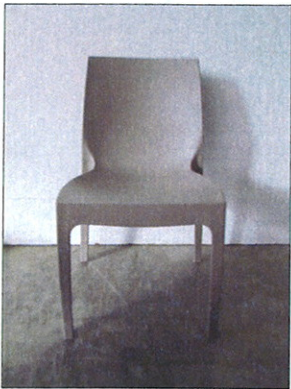
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.4**

Date of receipt	13/01/2015	For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)	
Start of the test	15/01/2015		
End of the test	21/01/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 3. Seat and back fatigue test for seating.



## TEST RESULTS

<b>Destination of use:</b>	contract use
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Number of cycles	Applied force on seat	Bending moment	Result
50000	1000 N	100 Nm	Passa

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfils its functions after removal of the test loads and seating fulfils the stability requirements. The specimen fulfils the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
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Laboratory Technical Manager  
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Montelabbate: March 5<sup>th</sup>, 2015.

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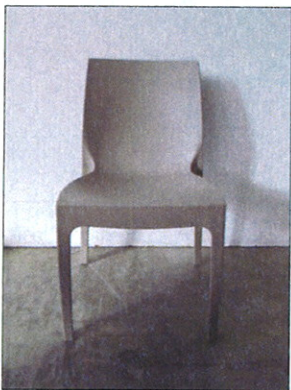
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.5**

Date of receipt	13/01/2015	For the attention of <b>IGAP S.p.A.</b> , Via Aldo Moro 1/D 46016 Cogozzo (MN)	
Start of the test	21/01/2015		
End of the test	21/01/2015		
Sample identification	Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01		
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 7. Leg forward static load test.



## TEST RESULTS

<b>Destination of use:</b>	contract use
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Seat loading	Horizontal force	Result
100 kg	250 N*	Successful

\*The force was reduced from 400N to 250N to prevent tipping of the sample.

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfils its functions after removal of the test loads and seating fulfils the stability requirements. The specimen fulfils the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
Dr. Luca Tomassini

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Montelabbate: March 5<sup>th</sup>, 2015.

*I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.*

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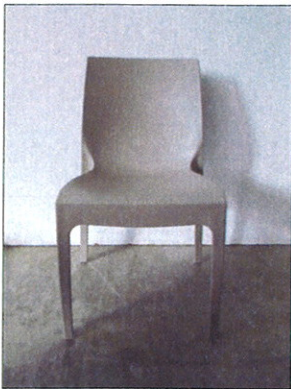
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report****n° TR 001615-01.6**

Date of receipt	13/01/2015	<b>For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)</b>	
Start of the test	21/01/2015		
End of the test	21/01/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 8. Leg sideways static load test.



## TEST RESULTS

<b>Destination of use:</b>	contract use
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Seat load	Horizontal force	Result
100 kg	300 N	Successful

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfils its functions after removal of the test loads and seating fulfils the stability requirements. The specimen fulfils the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
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Montelabbate: March 5<sup>th</sup>, 2015.

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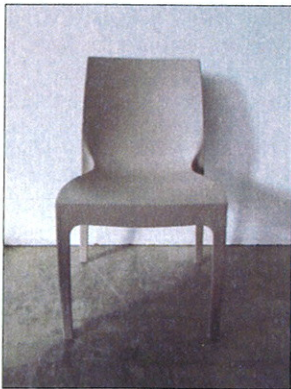
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.7**

Date of receipt	13/01/2015	For the attention of <b>IGAP S.p.A.,</b> Via Aldo Moro 1/D 46016 Cogozzo (MN)	
Start of the test	19/02/2015		
End of the test	19/02/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 9 Seat impact test.

**TEST RESULTS**

<b>Destination of use:</b>	contract use
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Height of fall	Number of cycles	Result
180 mm	10	Successful

At the end of the test there are no fractures of any member, joint or component; there are no loosening of joints intended to be rigid; seating fulfils its functions after removal of the test loads and seating fulfils the stability requirements. The sample fulfilled the 6.2.3. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
Dr. Luca Tomassini

Laboratory Technical Manager  
Eng. Francesco Balducci

Montelabbate: March 5<sup>th</sup>, 2015.

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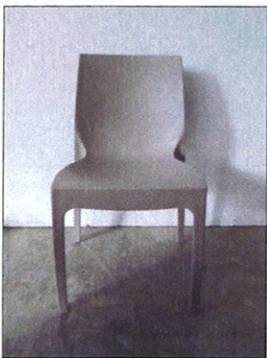
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report n° TR 001615-01.8**

Date of receipt	13/01/2015	For the attention of <b>IGAP S.p.A.,</b> Via Aldo Moro 1/D 46016 Cogozzo (MN)	
Start of the test	19/02/2015		
End of the test	19/02/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Mechanical safety requirements and test methods for seating. Test 11. Forward stability.

**TEST RESULTS****FORWARD STABILITY, ALL KIND OF SEATINGS**

Downwards force	Outwards horizontal force	Result
600 N	20 N	Successful

At the end of the test the sample fulfils the 6.2.2. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
Dr. Luca Tomassini

Laboratory Technical Manager  
Eng. Francesco Balducci

Montelabbate: March 5<sup>th</sup>, 2015.

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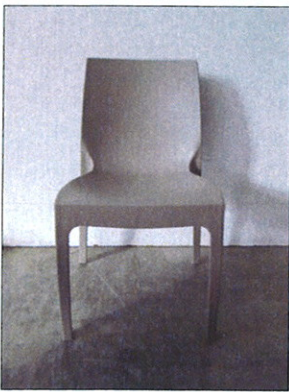
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report****n° TR 001615-01.9**

Date of receipt	13/01/2015	<b>For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)</b>	
Start of the test	19/02/2015		
End of the test	19/02/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Test 12 Rearward stability.



## TEST RESULTS

REARWARD STABILITY, ALL KIND OF SEATINGS

Vertical force	Horizontal force	Result
600 N	166 N	Sucesful

At the end of the test the sample fulfils the 6.2.2. requirements of the UNI EN 581-2:2009 standard.

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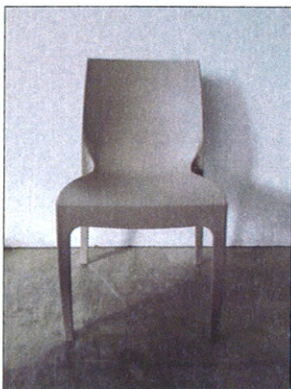
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Mechanical Area Manager  
Dr. Luca TomassiniLaboratory Technical Manager  
Eng. Francesco BalducciMontelabbate: March 5<sup>th</sup>, 2015.*I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.*



**Test Report n° TR 001615-01.10**

Date of receipt	13/01/2015	<b>For the attention of IGAP S.p.A., Via Aldo Moro 1/D 46016 Cogozzo (MN)</b>	
Start of the test	19/02/2015		
End of the test	19/02/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-2:2009	Title	Outdoor furniture. Mechanical safety requirements and test methods for seating. Test 13 Sideways stability.



**TEST RESULTS**

SIDEWAYS STABILITY, ALL SEATINGS WITHOUT ARM REST

Vertical force	Horizontal force	Result
600 N	20 N	Succesful.

At the end of the test the sample fulfils the 6.2.2. requirements of the UNI EN 581-2:2009 standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

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Mechanical Area Manager  
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Laboratory Technical Manager  
Eng. Francesco Balducci

Montelabbate: March 5<sup>th</sup>, 2015.

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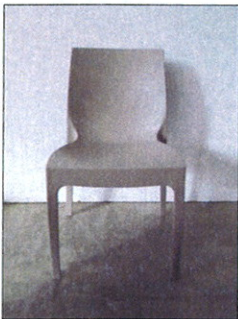
LABORATORIO TECNOLOGICO PER LA QUALITÀ



LAB N. 0240

**Test Report****n° TR 001615-01.11**

Date of receipt	13/01/2015	For the attention of <b>IGAP S.p.A.,</b> Via Aldo Moro 1/D 46016 Cogozzo (MN)	
Start of the test	19/02/2015		
End of the test	19/02/2015		
Sample identification		Sedia Rome Linea UP-ON codice S6217 identified with code 001615-01-01	
Standard	UNI EN 581-3:2007	Title	Outdoor furniture. Mechanical safety requirements and test methods for tables. Par. 7 Instruction for use.



TEST RESULTS

Characteristics	Results
Instructions for use shall be provided in the language(s) of the country where the tables are sold.	Successful
The instructions shall be headed " <b>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</b> " in letters no less than 5 mm high.	Successful
The instructions shall include at least name and address of the producer (manufacturer or supplier).	Successful
The instructions shall include at least name and address of the producer (manufacturer or supplier).	Successful
The instructions shall include for tables which are not intended to support a parasol, a warning that a parasol shall not be placed on it, or shall be used with a separate base.	Not applicable
The instructions shall include conditions for use of the product (camping, domestic or contract).	Successful

At the end of the test, the sample fulfils the requirements of par. 7 of UNI EN 581-3:2007 Standard.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

This document is the English translation of the report issued in date 20/02/2015, n° RP001615-01.11, for Igap S.p.A.

Mechanical Area Manager  
Dr. Luca Tomassini

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Montelabbate: March 5<sup>th</sup>, 2015.

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