



2020



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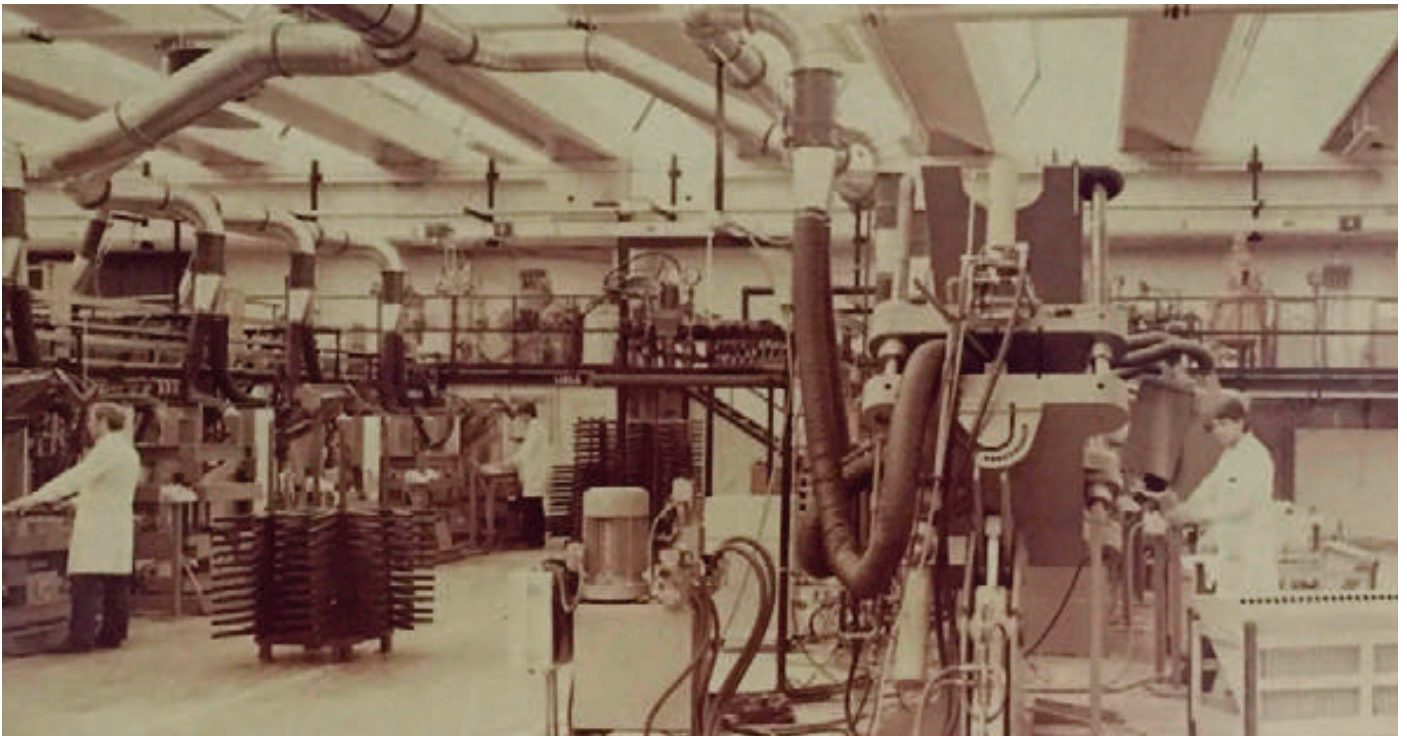


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Who we are



The first ILPO company was founded in 1965 with the main function of producing customer drawing items in flexible foam for well-known brand of the furnishing and design fields at national level. Later on in 1977 the existent ILPO Divisione Integrali was created fully dedicated to the transformation of polyurethane raw materials into rigid polyurethane products.

These experiences granted ILPO a primacy position in the transformation market of these materials, that persuaded the management during mid nineties to add to its range of products the first ever produced rigid polyurethane shell commercialized under its own brand and designed by Giovanni Baccolini.

Today hundreds of thousand polyurethane shells have been sold worldwide for home, contract and school applications. An idea that many considered hazardous at that time, but that provided excellent returns, opening a new market and qualifying ILPO as a “pioneer”.

Being a “pioneer” in its reference market, has always been and still remains ILPO’s characteristic. The company has in fact played a significant role in the technical field for having organized many seminars and workshops for technical update as well as many activities with schools, Universities, Institutions and young designers.

RIM + IMC water base production process



- Mould + mass coloring process
- Optimal surface finishing
- Scratch and wear resistant
- Wide range of colors available
- Economic technology for small orders
- Environment and human friendly

The water based paints used for this technology have been specifically formulated to create a thin coating on the surface of the mold that perfectly adheres to the following injection of polyurethane. After the polymerization the paint is efficiently linked to the PU, making it an integral part of the moulded product.

With this technology the product can bend freely without running any risk to the paint applied on the mould which becomes one with the PU. The coating gives the final item an increased superficial homogeneity, it protects from oxidation and it provides increased UV protection.

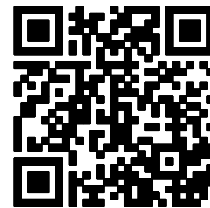
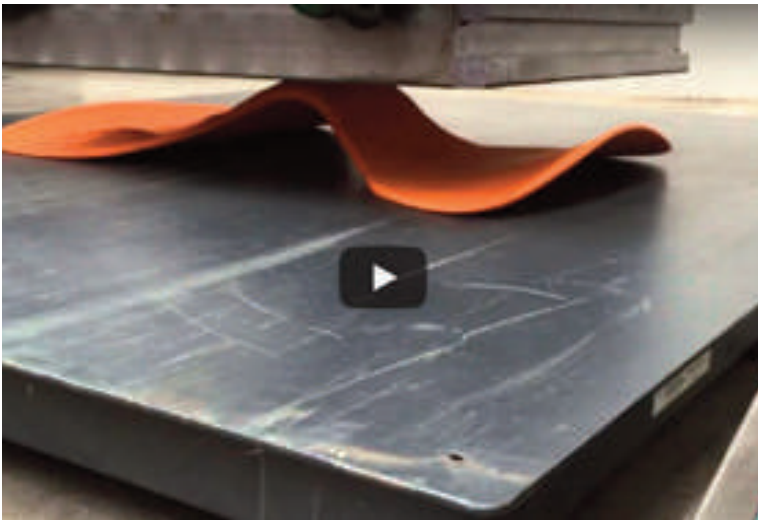
Persistent colors combined with a surface with an inimitable touch become a new and exciting possibility for manufacturing attractive designers' shapes.

Why a shell
in rigid polyurethane?

What about...

...strength and durability ?

- Our rigid polyurethane shells were designed to fulfill the EU-norm for educational chairs.
- In particular the IKS shell (size mark 6) tested for 1.000.000 cycles (five times more than 200.000 requested) and with additional load on the seat and on the backrest to simulate the use of a person with a body weight of 150 kg. Any problem occurred to the shell during these tests performed and certified by CATAS.
- According to ISO21015 the positively performed test may simulate the use of the IKS shell in the educational environment for 100 years.
- Results show that structural polyurethane offers excellent durability, reliability and long lasting performances.



enjoy the video

In a world of limited resources, the choice of durable and high grade material is a sustainable option. We have planned the obsolescence of our shells...up to over 20 years!

...ergonomics ?

- Between the ages of 5 and 16, a child spends around 5000 hours sitting down at school.
- The human body is in perpetual motion and needs a flexible structure: the particularly designed connection between seat and backrest allows backrest flexibility and comfortable freedom of movement.
- The seat shape countour is designed to distribute body weight without restricting blood circulation.
- Free air circulation between the backrest and the seat surface that assures optimal breathing of the body.
- Ergonomic and safety requirements that helps user posture and prevent muscle-skeletal problems.

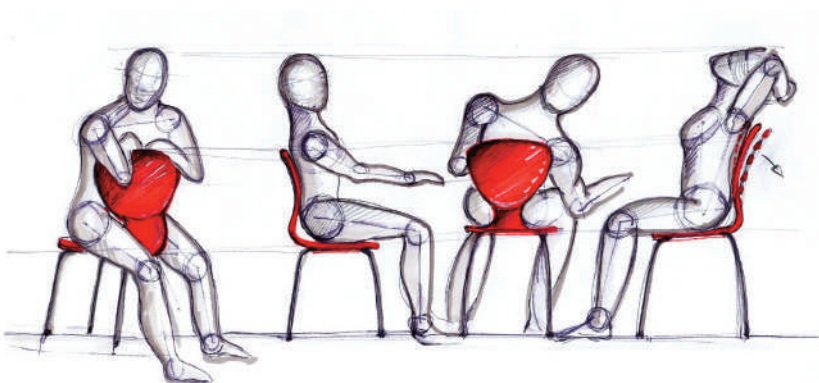


In accordance with international regulations ILPO shapes its chairs mirroring the human body; as result the production offers the highest comfort and a correct posture. This ergonomic approach guarantees beautiful, useful and long lasting comfortable chairs.

A comfortable chair safes energy.

...good design ?

- Good design must be capable of going beyond pure fashion and trends and be up-to-date and durable.
- When design is “good” it lasts through time and it becomes “good business” too.



...useful, durable and beautiful...
these are the words referred to the human works, that the architect Marcus Vitruvius Pollio (1st century B.C.) defined in the treaty “de Architectura”.

...social responsibility ?

- Agreed with and encouraged by the Local Public Authority for social assistance, in specific production processes ILPO employs specially trained “disadvantaged” personnel, into appropriate working positions. Nowadays at ILPO the number of “disadvantaged” people employed is at least twice the one defined by normal obligations under national laws.
- Further to that we report our commitment to ensuring a steady economic support to a non-profit organization that, in agreement with the Province of Bologna, manages a specialized center for work rehabilitation for people with mental and sensorial disabilities.



More commitment and less exclusion, in order to build together paths of autonomy.

...participatory design ?

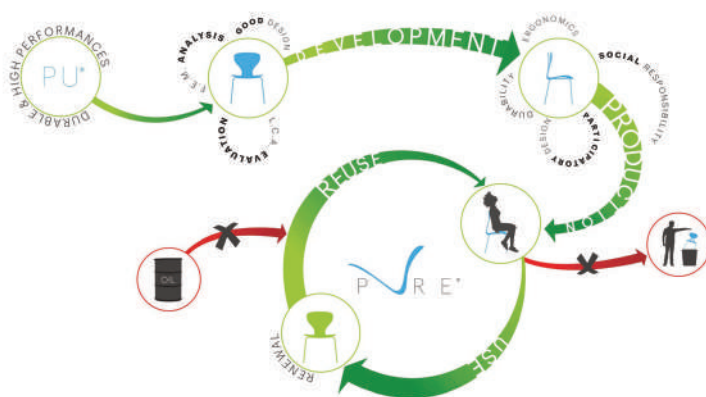
- Thoughtfully designed chairs and FEM technological support help guarantee product's long life and outstanding extended performances. From the very beginning the objective of ILPO's engineering team is to procure real value, granting a solid feeling of quality.
- ILPO's products are made for those who use them: by means of interviews and surveys ILPO focuses on the consumer and invests in Participatory Design and User Centered Design strategies.



A truly useful product is ecological.

...sustainability?

- According to the main principles of the EU “circular economy”, long use and reuse are better and better than recycling.
- Long use means that, thanks to high performances raw materials, endurance and good design, the rigid polyurethane shell last over a long period.
- Reuse means that, after appropriate surface regeneration process based on water paints, the rigid polyurethane shell becomes new and can be reused for a very long time.



Our life cycle assessment evaluation (LCA) shows shells manufactured by ILPO have a significantly lower environmental impact compared to standard thermoplastic polypropylene products. The impact is further reduced when considering the life extension possibility by implementing the reuse.

A well made structural polyurethane shell helps to save CO2.

...use, renovation and reuse ?

- Promoting the extension of products' lifetime beyond the rhetoric of “recycling”.
- Demonstrating that long-use and reuse can be even better than recycling.
- Expressing the company's design approach that affects every single step of the products' lifecycle, starting from the mere idea, to the design production, extended use, renovation and reuse.



If an object looks good and works fine, why should we throw it away? If it gets dirty we can clean it, if we get tired of the color we can change it: ILPO studied how to recondition its polyurethane chair shells by means of a reduced impact water based technique.

**A timeless product does not produce waste.
Every discarded object is a cost for the planet: Earth is not our dump!**



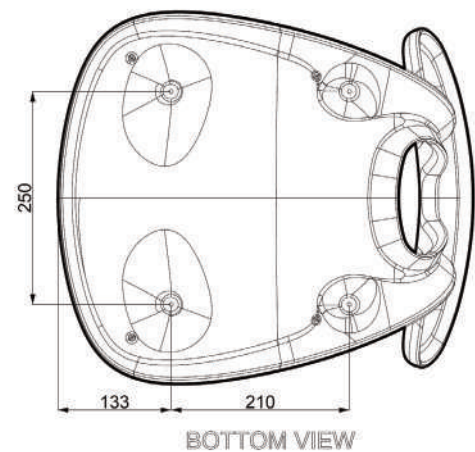
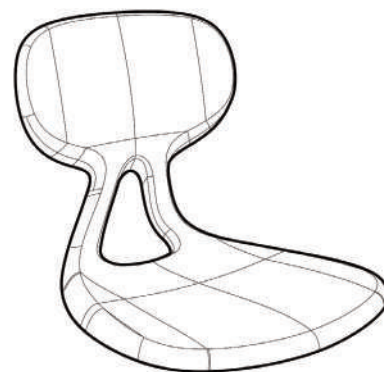
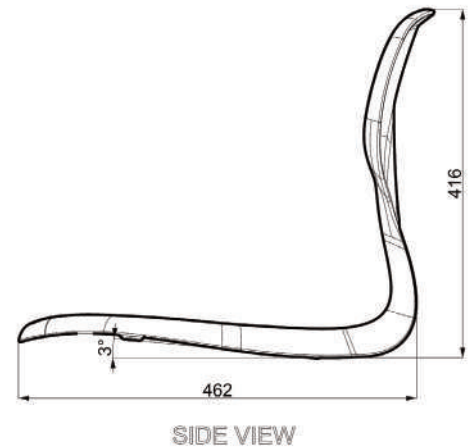
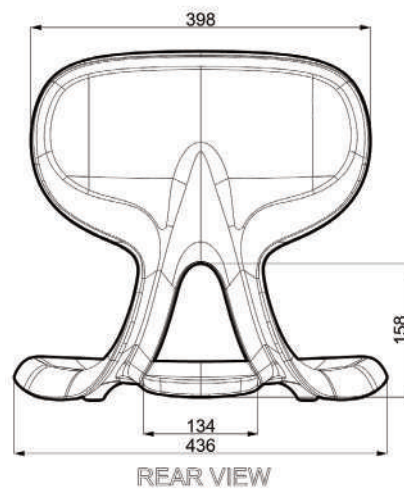


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 2,15 kg



Dimensions in mm - Scale: 1:16

Colours available
for batches of
10 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **100 pieces** and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021



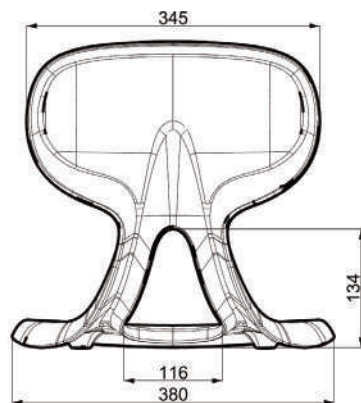


Designed according UNI EN 1729-1 / UNI EN 1729-2

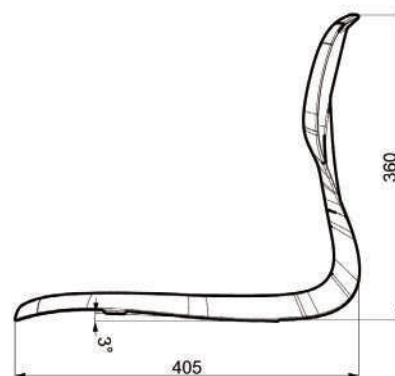


High density rigid polyurethane shell.

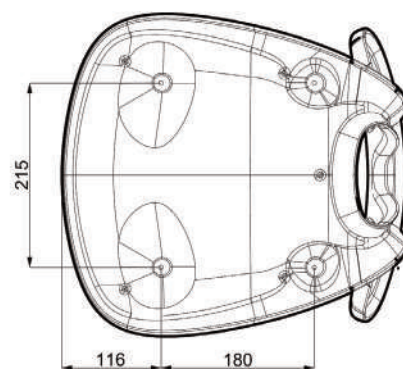
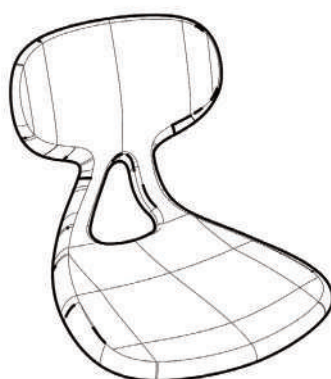
Shell unit weight: 1,47 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available for batches of 15 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 120 pieces and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

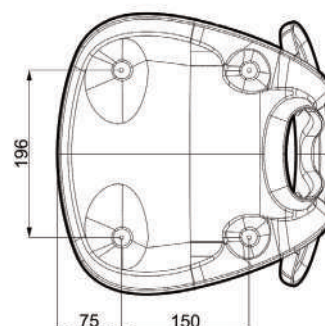
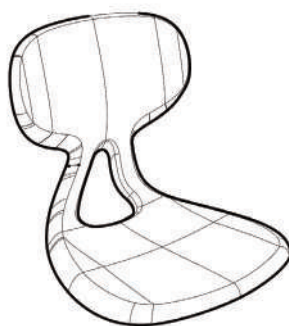
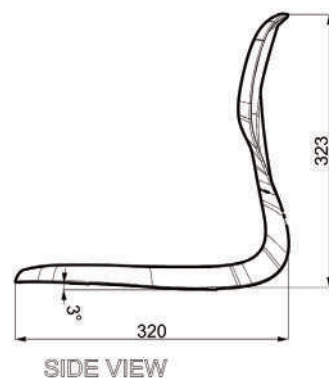
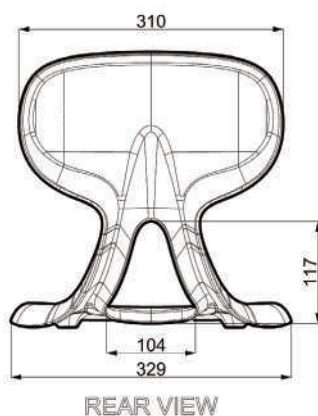


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 1,02 kg



Dimensions in mm - Scale: 1:16

Colours available for batches of 20 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 160 pieces and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

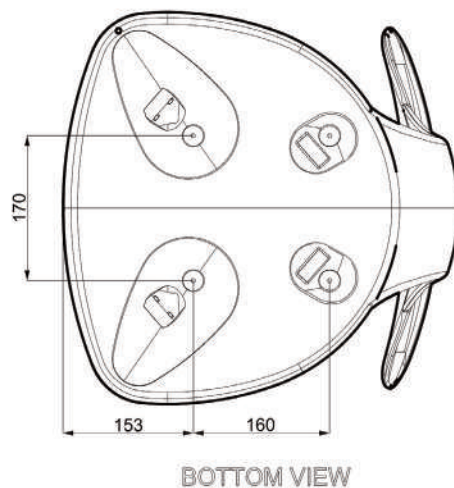
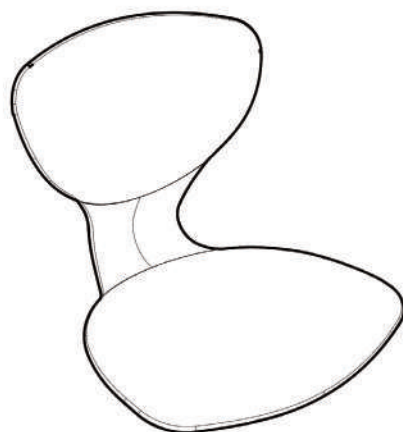
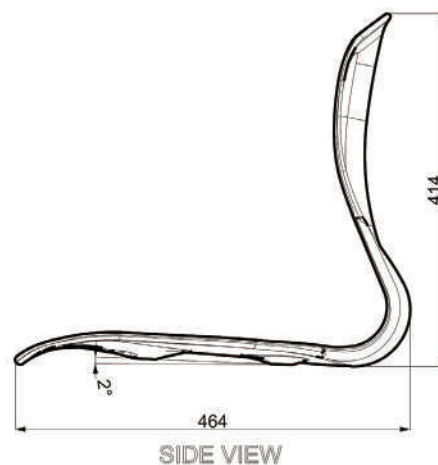
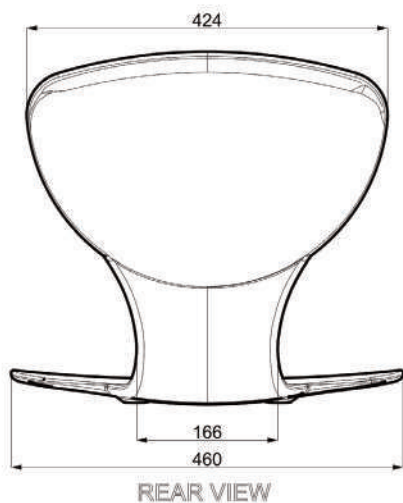


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 3,00 kg



Dimensions in mm - Scale: 1:16

Colours available for batches of 10 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 120 pieces and multiple



RAL 2002



RAL 2003



RAL 3000



RAL 5000



RAL 6005



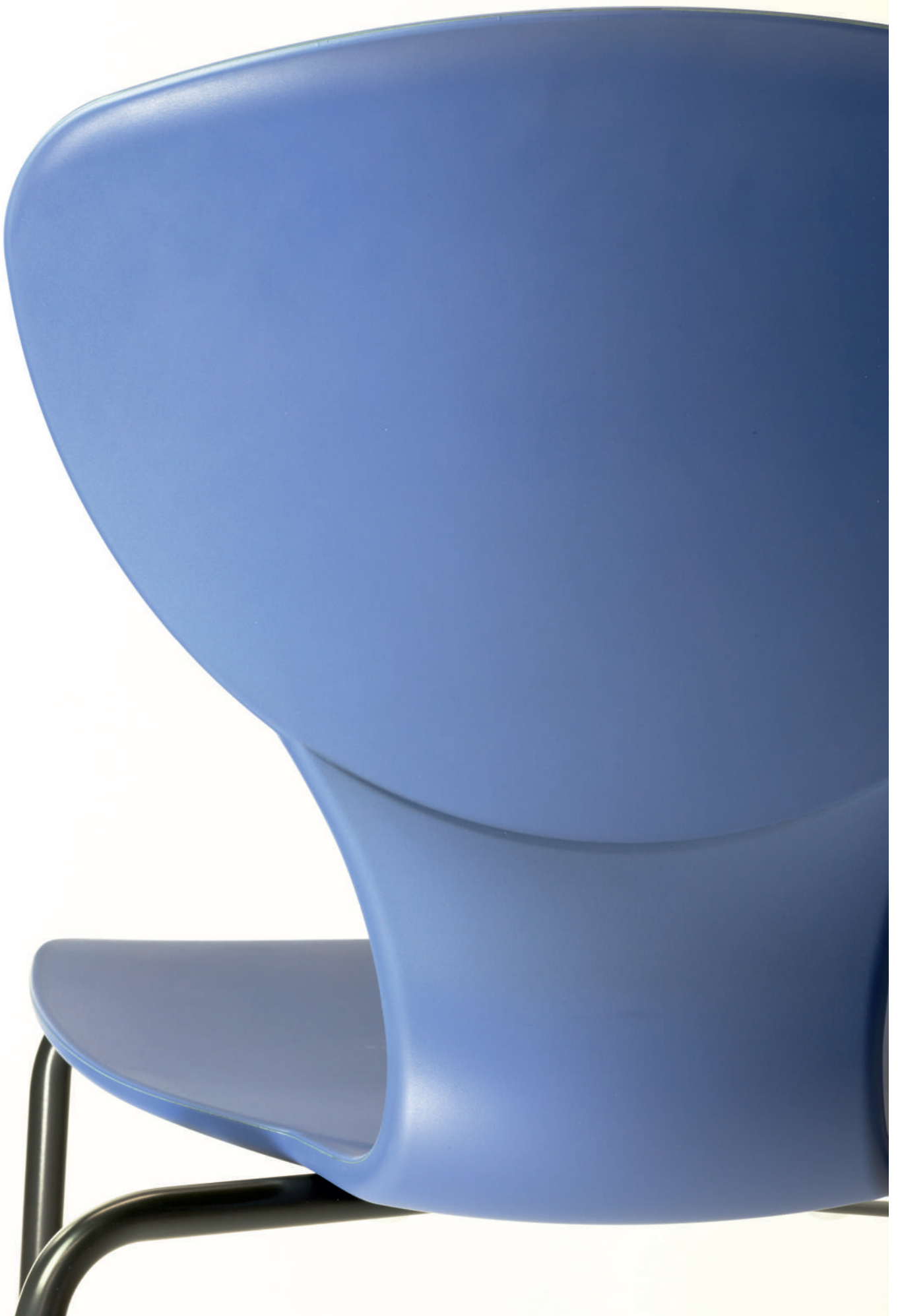
RAL 6018



RAL 7015



RAL 7021



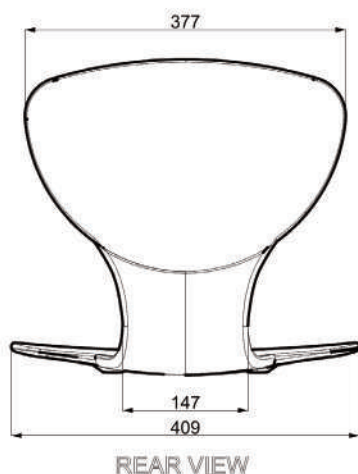


Designed according UNI EN 1729-1 / UNI EN 1729-2

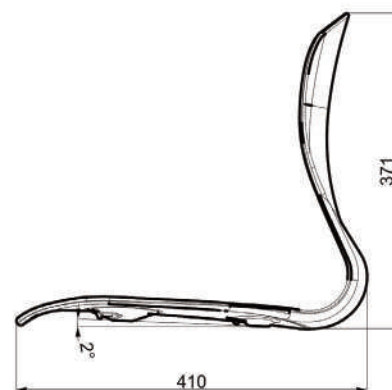


High density rigid polyurethane shell.

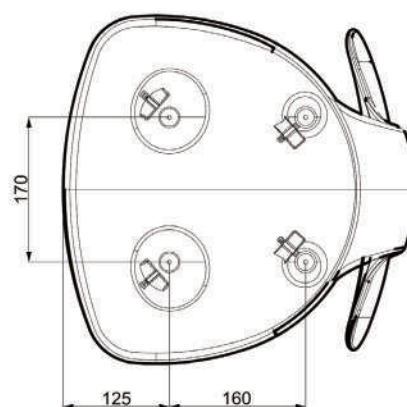
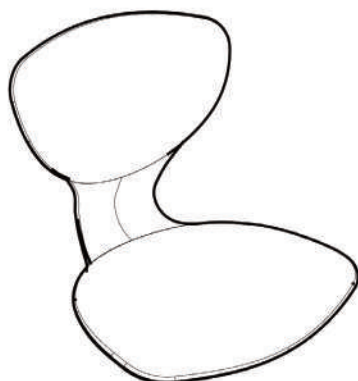
Shell unit weight: 2,00 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available for batches of 15 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 140 pieces and multiple



RAL 2002



RAL 2003



RAL 3000



RAL 5000



RAL 6005



RAL 6018



RAL 7015



RAL 7021

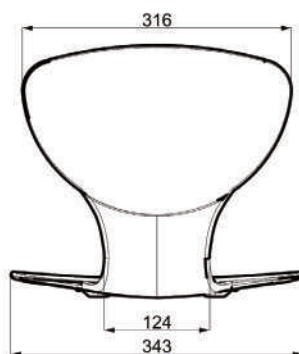


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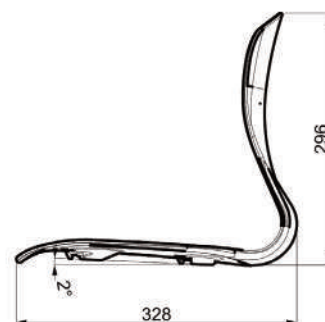


High density rigid polyurethane shell.

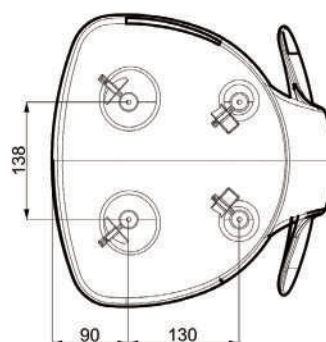
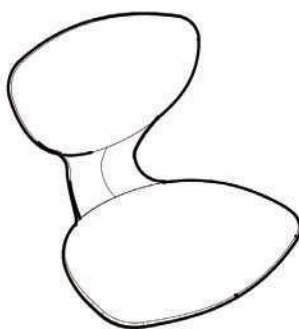
Shell unit weight: 1,09 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available for batches of 20 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 160 pieces and multiple



RAL 2002



RAL 2003



RAL 3000



RAL 5000



RAL 6005



RAL 6018



RAL 7015



RAL 7021

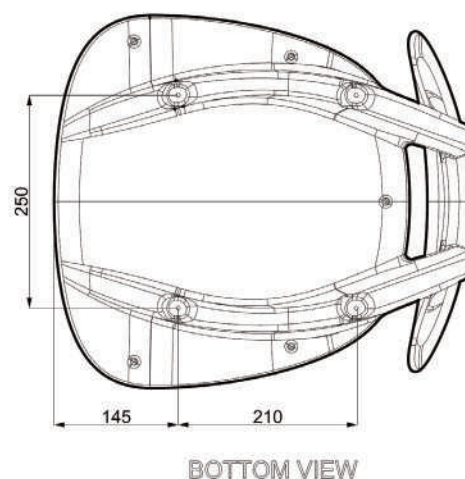
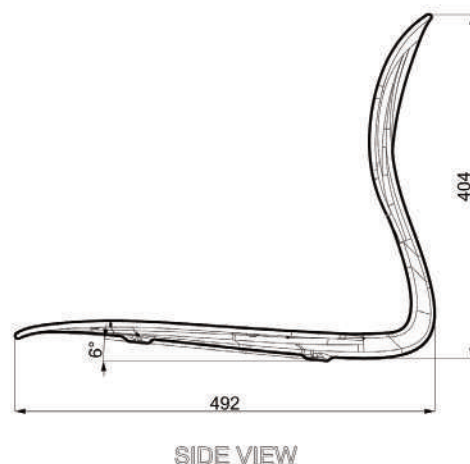
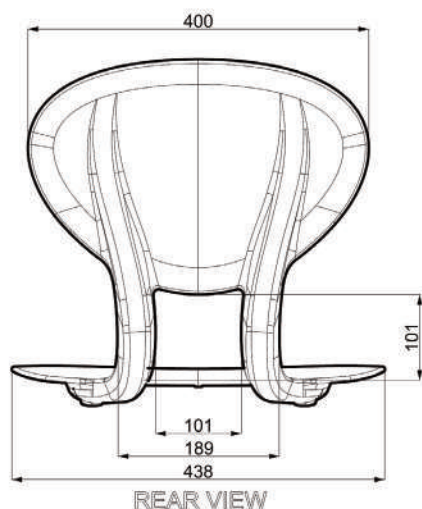


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 2,30 kg



Dimensions in mm - Scale: 1:16

Colours available
for batches of
10 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **100 pieces** and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



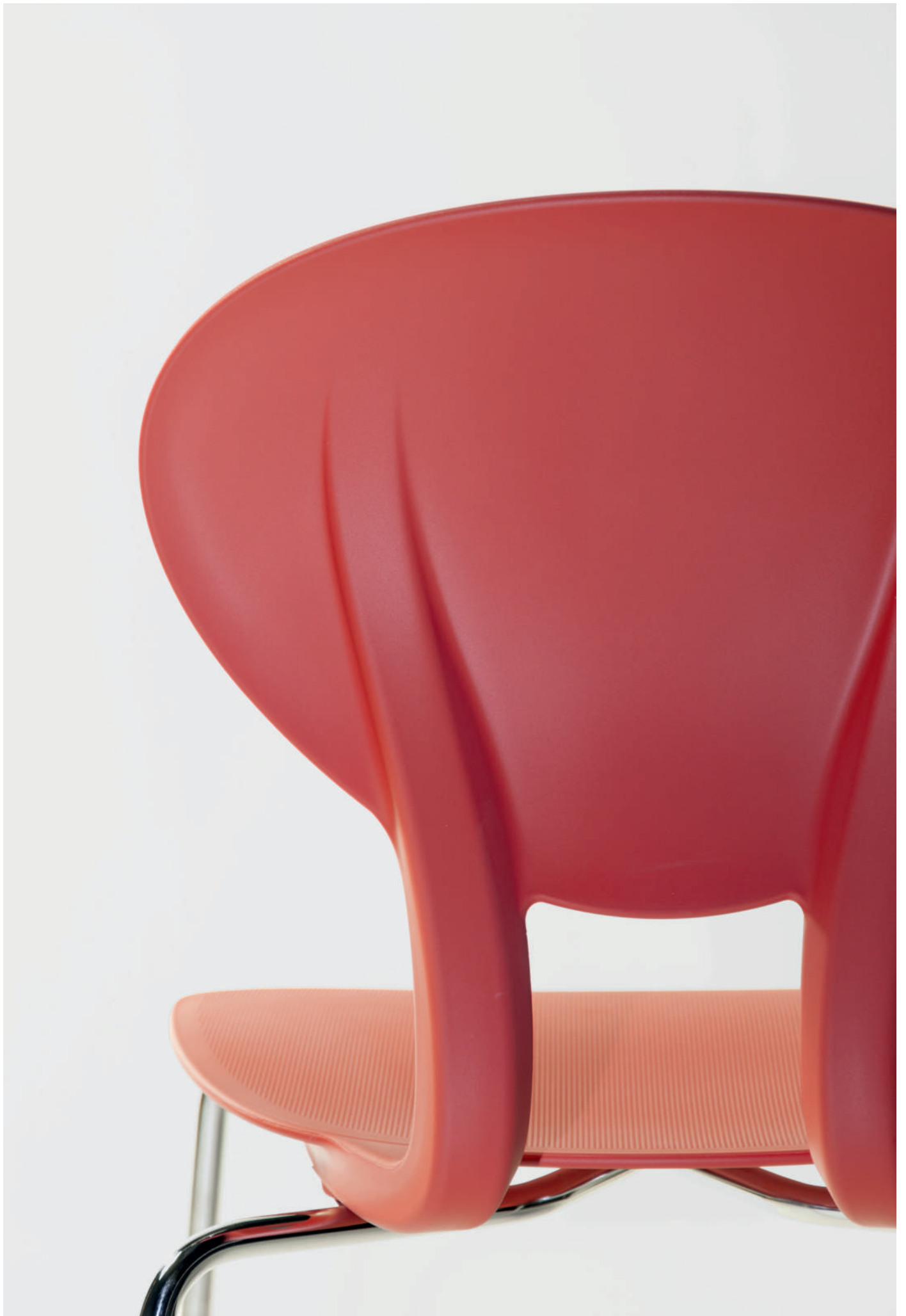
RAL 6018



RAL 7015



RAL 7021



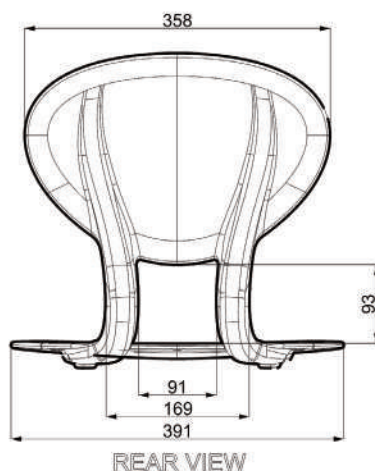


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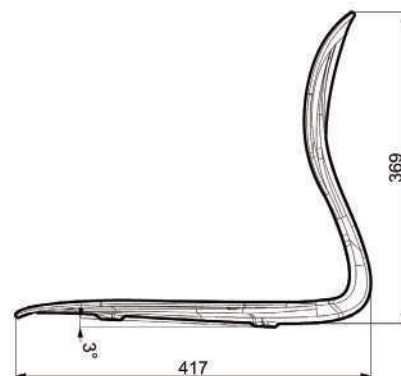


High density rigid polyurethane shell.

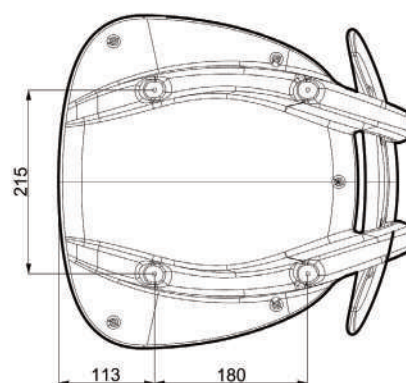
Shell unit weight: 1,60 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available
for batches of
15 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **120 pieces** and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

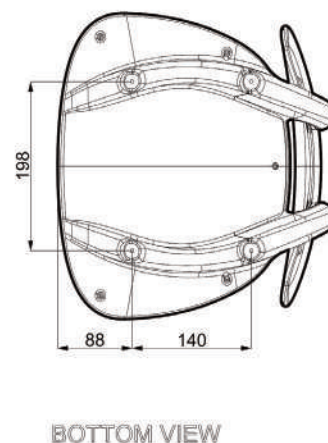
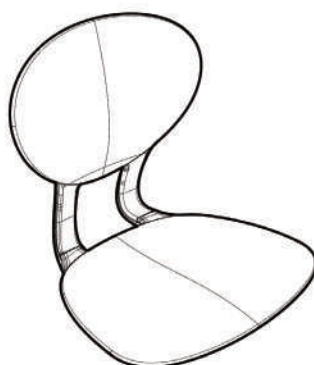
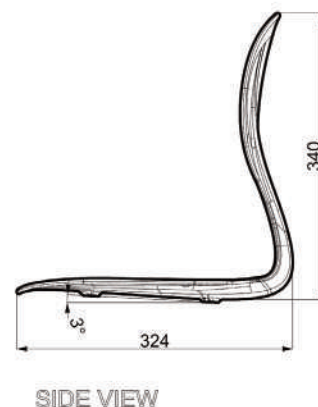
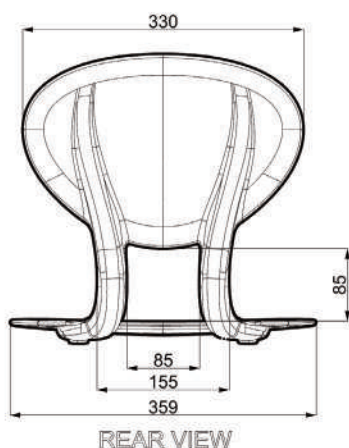


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 1,23 kg



Dimensions in mm - Scale: 1:16

Colours available
for batches of
20 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **160 pieces** and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

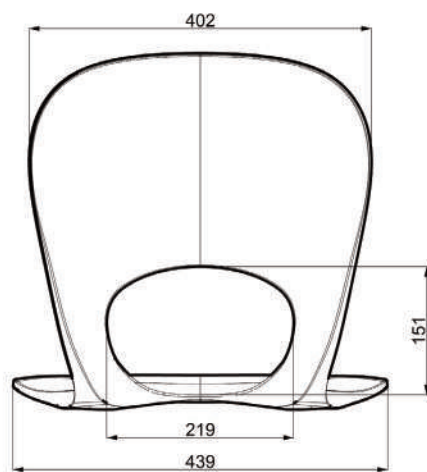


Designed according UNI EN 1729-1 / UNI EN 1729-2

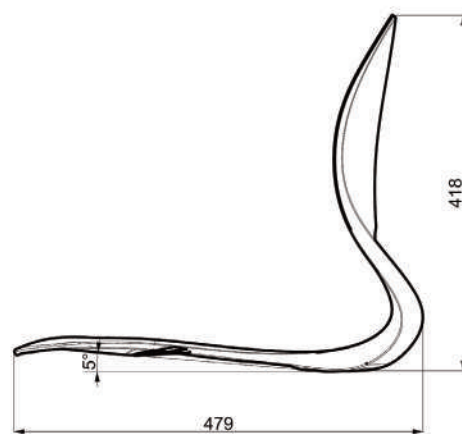


High density rigid
polyurethane shell.

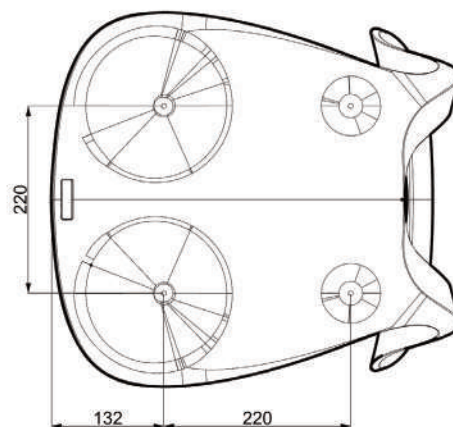
Shell unit weight: 2,43 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available
for batches of
10 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **100 pieces** and multiple



RAL 2003



RAL 3000



RAL 5000



RAL 6018



RAL 6005



RAL 7015



RAL 7021

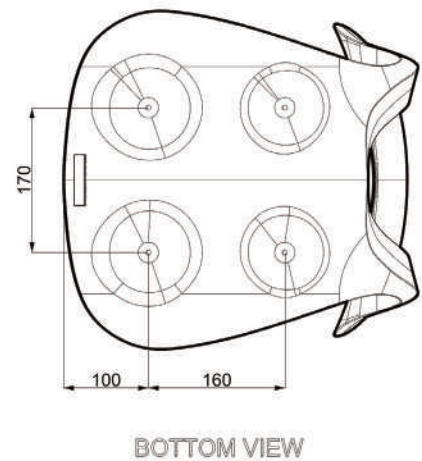
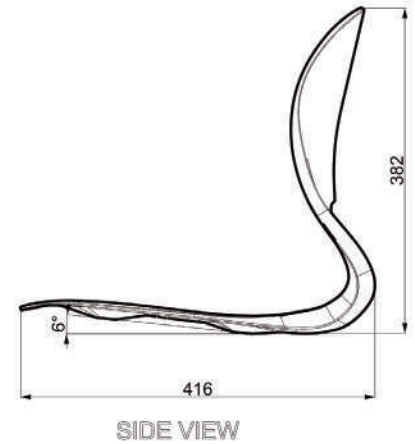
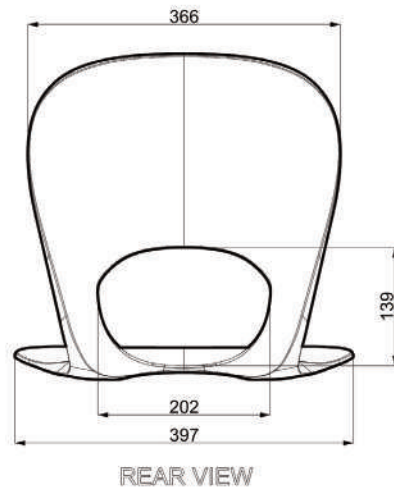


✓ Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 1,93 kg



Dimensions in mm - Scale: 1:16

Colours available for batches of 15 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 120 pieces and multiple



RAL 2003



RAL 3000



RAL 5000



RAL 6018



RAL 6005



RAL 7015



RAL 7021

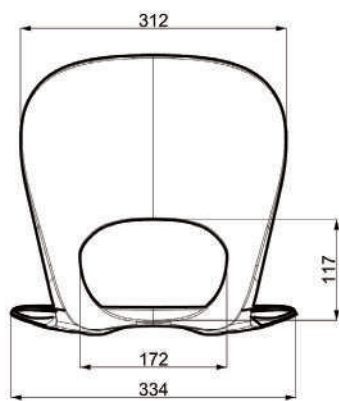


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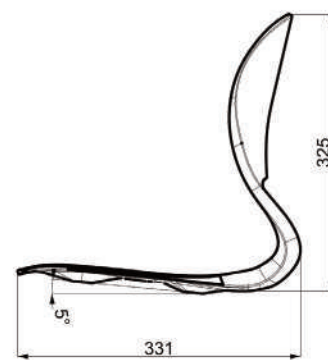


High density rigid polyurethane shell.

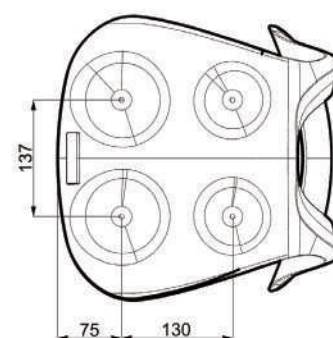
Shell unit weight: 1,29 kg



REAR VIEW



SIDE VIEW



BOTTOM VIEW

Dimensions in mm - Scale: 1:16

Colours available
for batches of
20 pieces and multiple



RAL 3000



RAL 5000



RAL 6018



RAL 7015



RAL 7021

Colours available
for batches of **160 pieces** and multiple



RAL 2003



RAL 3000



RAL 5000



RAL 6018



RAL 6005



RAL 7015



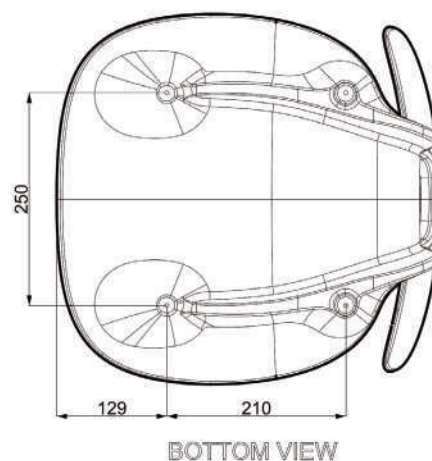
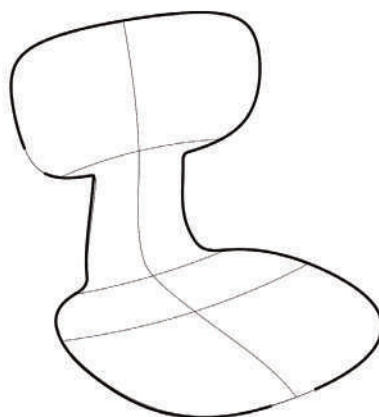
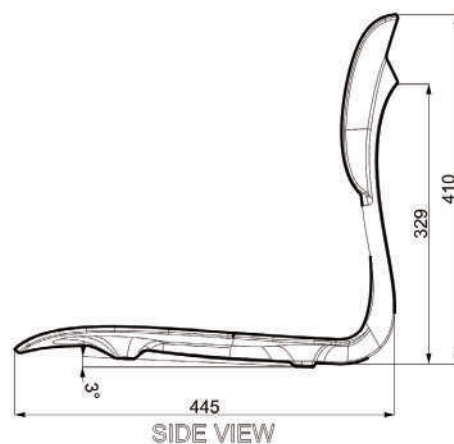
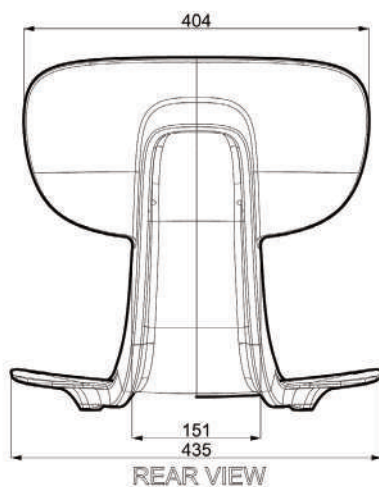
RAL 7021

✓ Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 2,15 kg



Dimensions in mm - Scale: 1:16

Colours available for batches of 10 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 100 pieces and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021



✓ Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 1,47 kg

Colours available for batches of 15 pieces and multiple



RAL 2002



RAL 5012



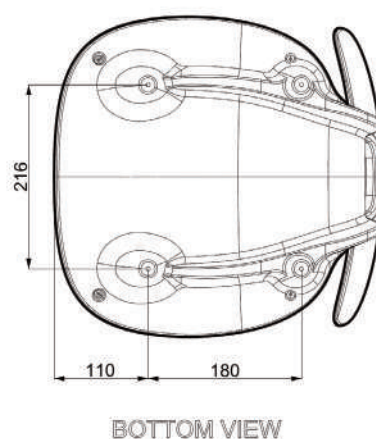
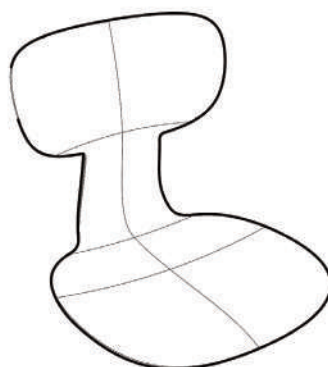
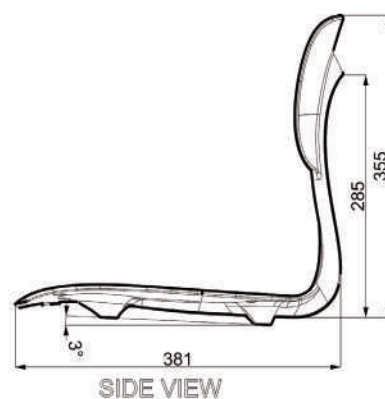
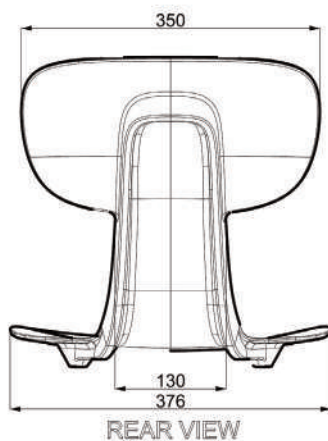
RAL 6018



RAL 7015



RAL 7021



Dimensions in mm - Scale: 1:16

Colours available for batches of 120 pieces and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

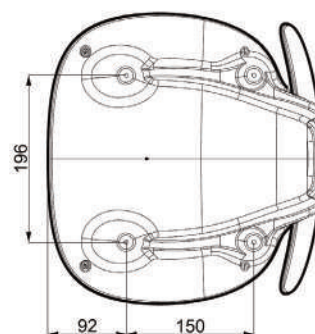
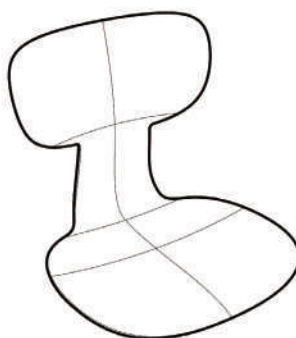
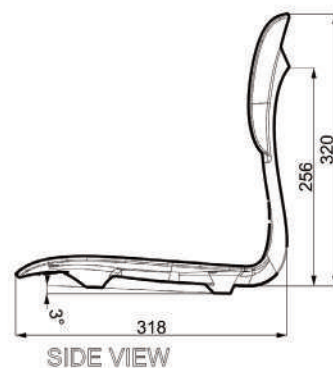
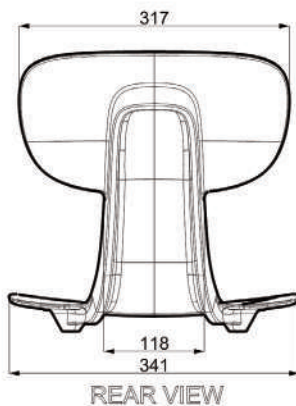


Designed according UNI EN 1729-1 / UNI EN 1729-2



High density rigid polyurethane shell.

Shell unit weight: 1,02 kg



Dimensions in mm - Scale: 1:16

Colours available for batches of 20 pieces and multiple



RAL 2002



RAL 5012



RAL 6018



RAL 7015



RAL 7021

Colours available for batches of 160 pieces and multiple



RAL 1023



RAL 2002



RAL 3004



RAL 4005



RAL 5002



RAL 5012



RAL 6018



RAL 7015



RAL 7021



High density rigid polyurethane shell.

Shell unit weight: 2,20 kg

Colours available for batches of 10 pieces and multiple



RAL 2002



RAL 6003



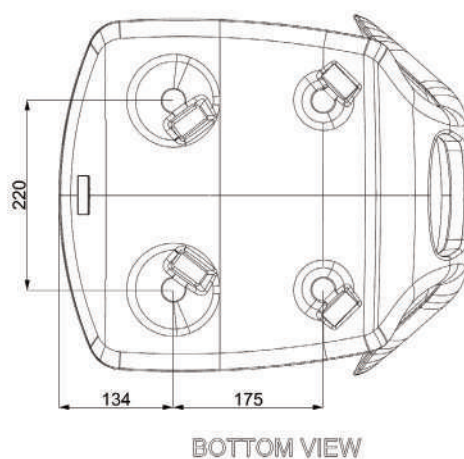
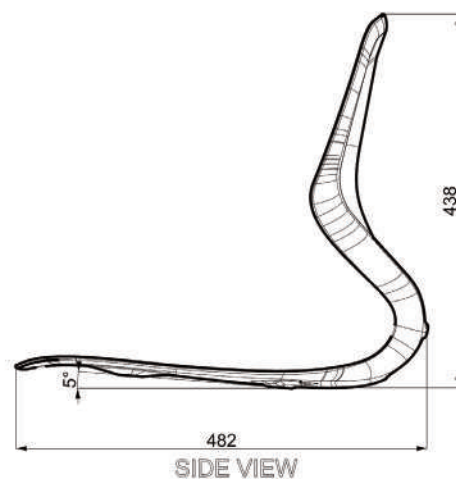
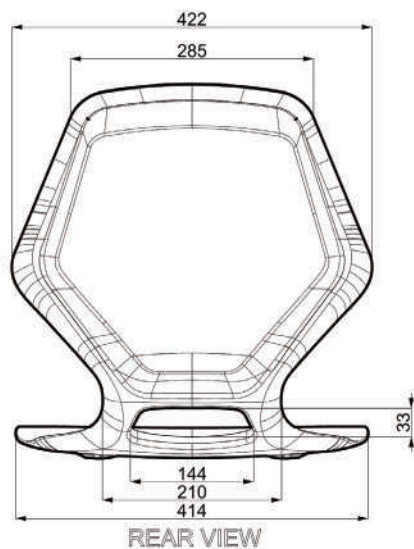
RAL 7021



RAL 8014



RAL 9010



Dimensions in mm - Scale: 1:16





High density rigid
polyurethane shell.

Shell unit weight: 2,60 kg

Colours available
for batches of
10 pieces and multiple



RAL 2002



RAL 6003



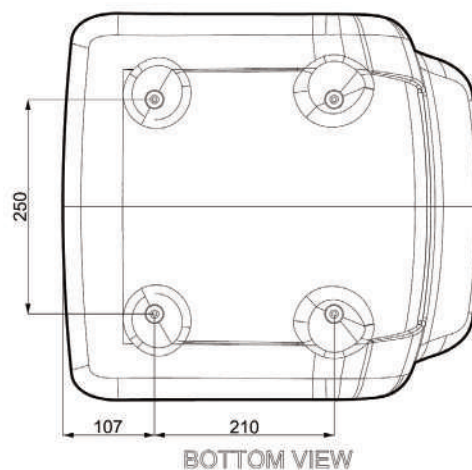
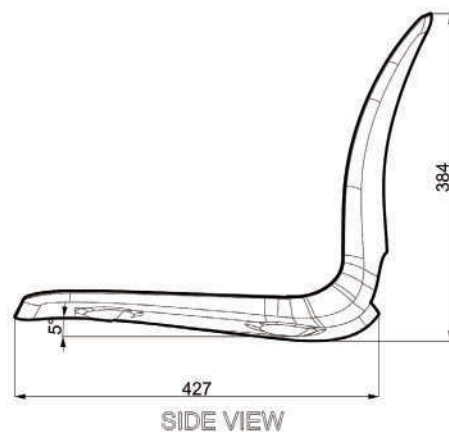
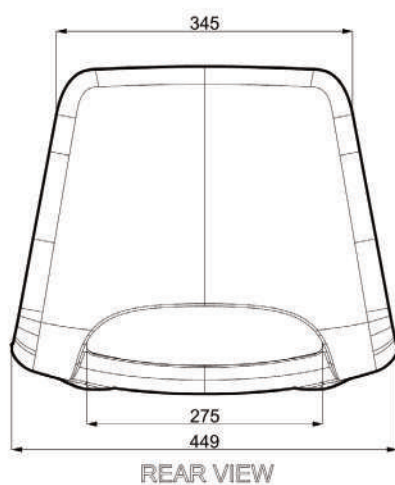
RAL 7021



RAL 8014



RAL 9010



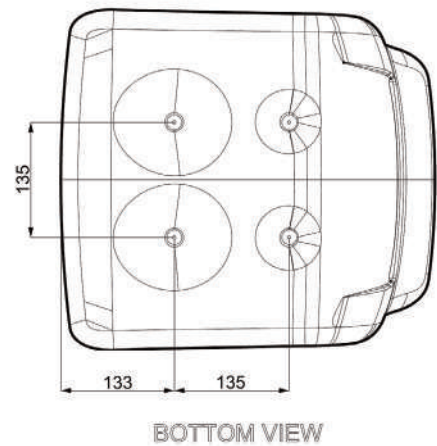
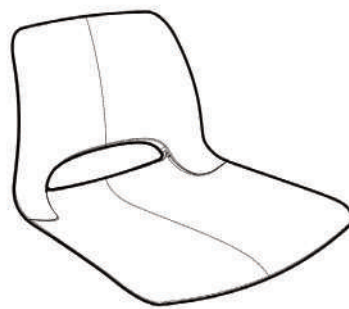
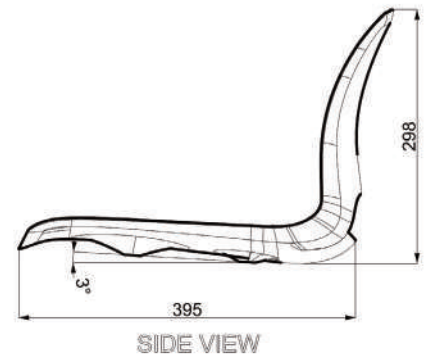
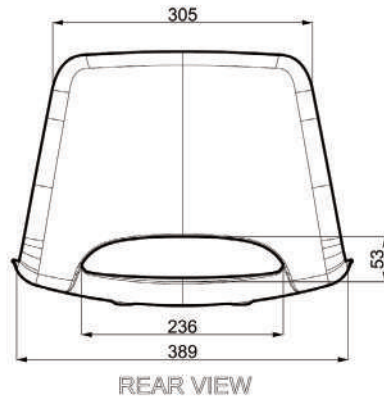
Dimensions in mm - Scale: 1:16





High density rigid
polyurethane shell.

Shell unit weight: 1,80 kg



Dimensions in mm - Scale: 1:16

Colours available
for batches of
20 pieces and multiple



RAL 2002



RAL 6003



RAL 7021



RAL 8014



RAL 9010





High density rigid
polyurethane shell.

Shell unit weight: 1,25 kg

Colours available
for batches of
25 pieces and multiple



RAL 3000



RAL 5000



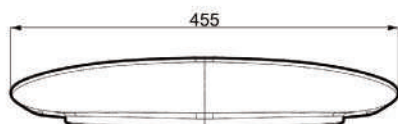
RAL 6018



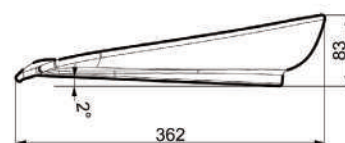
RAL 7015



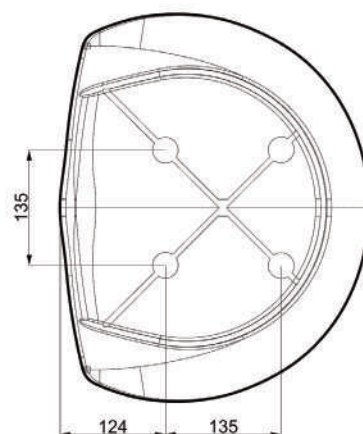
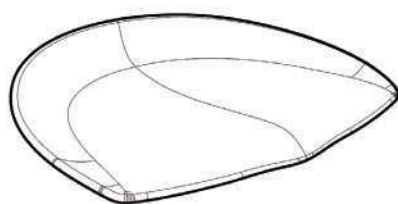
RAL 7021



REAR VIEW



SIDE VIEW



BOTTOM VIEW

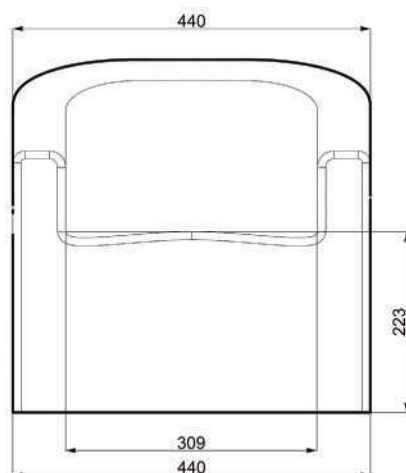
Dimensions in mm - Scale: 1:16



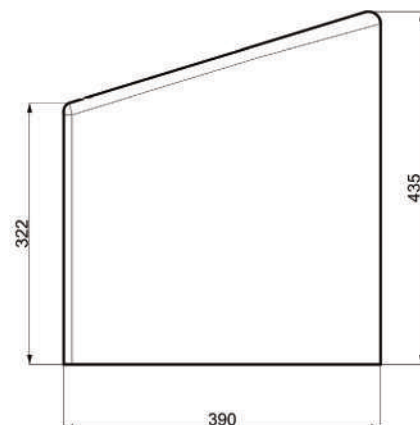


Moulded flexible
polyurethane shell.

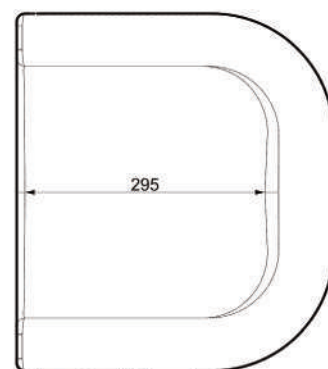
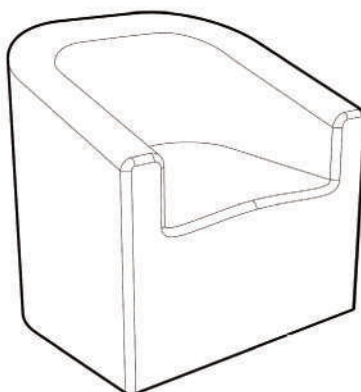
Unit weight: 2,74 kg



FRONT VIEW



SIDE VIEW



TOP VIEW

Dimensions in mm - Scale: 1:16

Available for batches of **8 pieces** with upholstery in Camira® Vita.

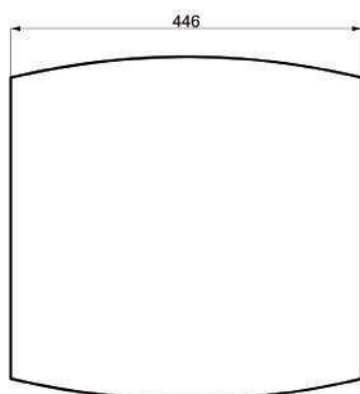


ROCK POUF

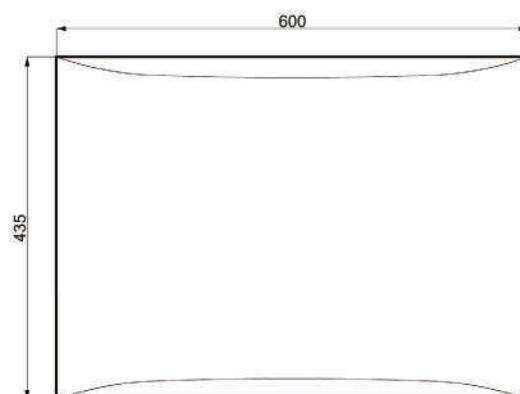


Rigid structure inside and
rocking base.
Padded in polyurethane
outside.

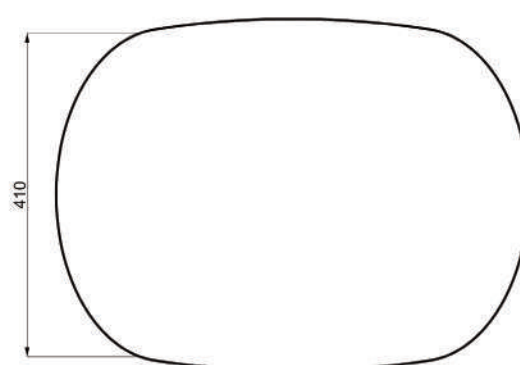
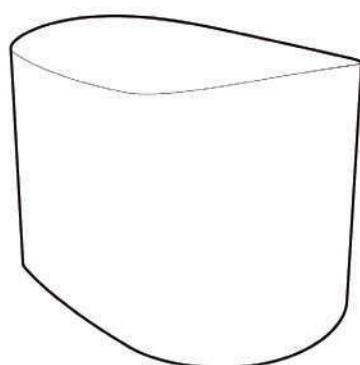
Unit weight: 2,74 kg



FRONT VIEW



SIDE VIEW



TOP VIEW

Dimensions in mm - Scale: 1:16

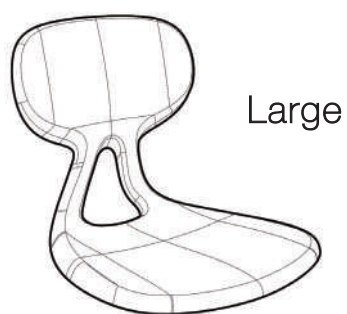
Available for batches of **8 pieces** with upholstery in Camira® Vita and Camira® Intervene.



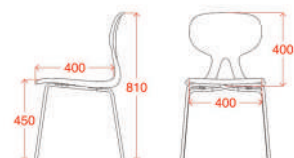
2KG shell

Bases available

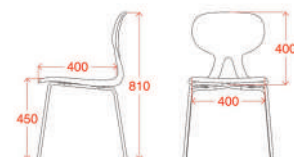
Finish Product



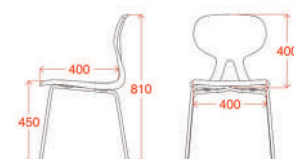
BAS 048



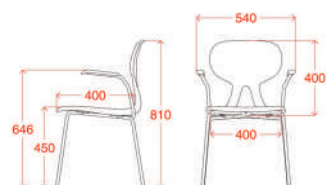
BAS 049



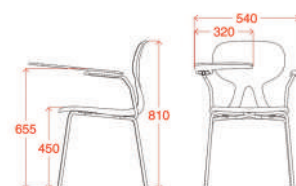
BAS 050



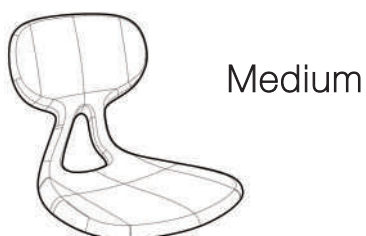
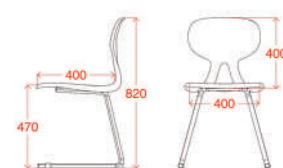
BAS 054



BAS 055



BAS 099



BAS 100



BAS 101

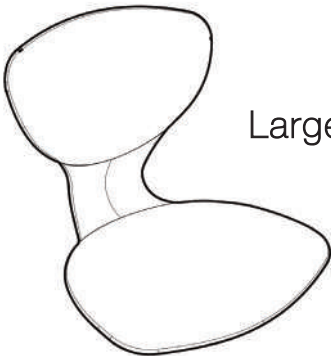


Dimensions in mm

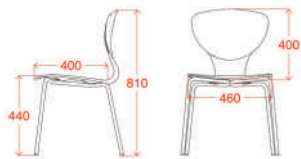
IKS shell

Bases available

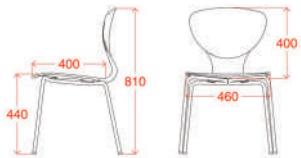
Finish Product



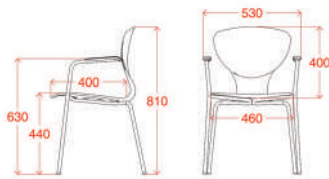
BAS 045



BAS 046



BAS 047

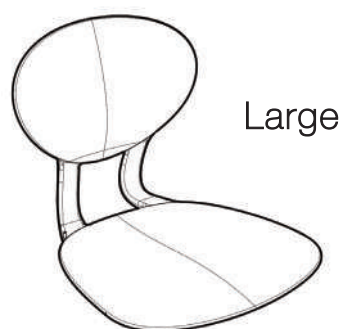


Dimensions in mm

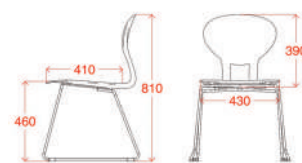
KAPPA shell

Bases available

Finish Product



BAS 037



BAS 048



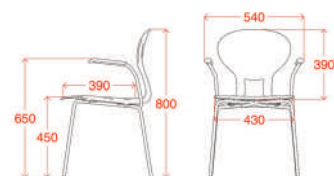
BAS 049



BAS 050



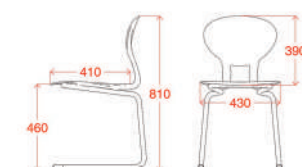
BAS 054



BAS 055



BAS 099



BAS 105



Dimensions in mm

KAPPA shell

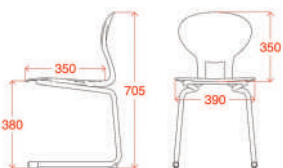
Bases available

Finish Product



Medium

BAS 100



BAS 042

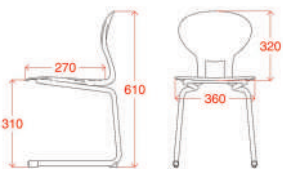


BAS 043



Small

BAS 101

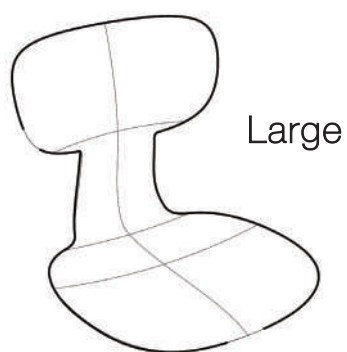


Dimensions in mm

TAKE shell

Bases available

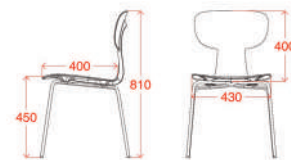
Finish Product



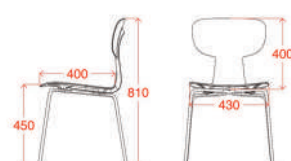
BAS 048



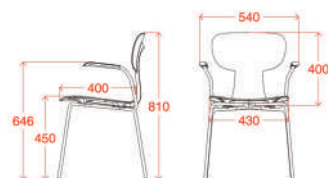
BAS 049



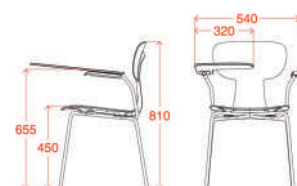
BAS 050



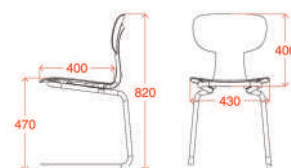
BAS 054



BAS 055



BAS 099



BAS 100



BAS 101



Dimensions in mm

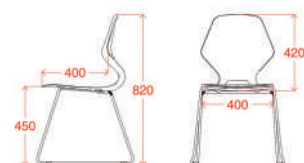
KADRE' shell

Bases available

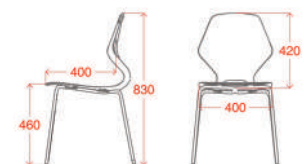
Finish Product



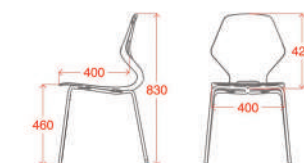
BAS 037



BAS 056



BAS 057



BAS 105



Dimensions in mm

KOOL shell

Bases available

Finish Product



BAS 019



BAS 037



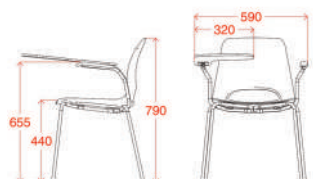
BAS 044



BAS 058



BAS 059



BAS 105



Dimensions in mm

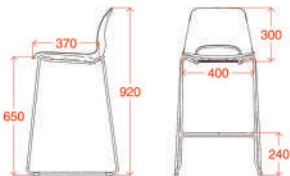
KOOLER shell

Bases available

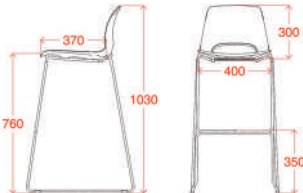
Finish Product



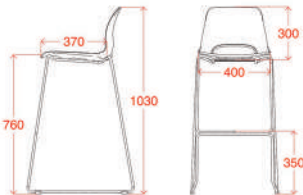
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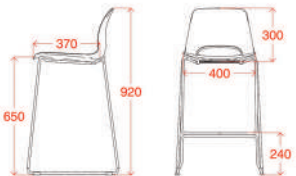
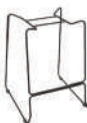
BAS 065



BAS 081



BAS 082

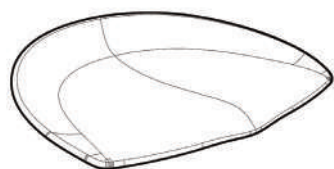


Dimensions in mm

SKOOT shell

Bases available

Finish Product



BAS 008



BAS 021



BAS 076



BAS 079



Dimensions in mm

Edition
July 2020



ILPO srl

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+39 051 69 50 611 - info@ilpospa.com - www.ilpospa.com

The logo for P R E, where the letters 'P', 'R', and 'E' are in a thin, black, sans-serif font. A thick, blue, wavy line is drawn over the letters, starting from the left, curving under the 'P', rising over the 'R', and ending over the 'E'.

P R E[®]

Long use and re-use are better than recycling

www.pu-re.eu

