

The Chair of the century

Charles & Ray Eames

vitra.



With the 2019 update, colour now links two product lines that have long belonged together: the Eames Plastic Chairs and Eames Fiberglass Chairs. An extensive process of research and analysis led to the creation of a harmonious palette in which the two groups of chairs reaffirm their affinity with one another.

Vitra carefully researched archival holdings and the vintage market to determine the historical use of colours by Charles and Ray Eames, and merged this knowledge with a broad-based analysis of current needs and market offers. Based on these findings, the colours of the Plastic Chair and Fiberglass Chair seat shells and the Hopsak cover fabric were revised in close collaboration with the Eames Office.

The result is a richly interwoven collection of hues highlighting the special properties of the different materials. The interplay of vibrant and more subtle colours allows an easy combination of the Eames Plastic Chairs and Eames Fiberglass Chairs. And the chairs without a seat cushion or full upholstery in Hopsak can be embellished with Seat Dots, which are also part of the Vitra Colour & Material Library.



Charles & Ray Eames

Charles and Ray Eames are counted among the most important figures of twentieth-century design. Their work spans the fields of furniture design, filmmaking, photography and exhibition design. Vitra is the sole authorised manufacturer of Eames products for

Europe and the Middle East. When you own an Eames product made by Vitra, you know it is an original.

1 The Chair of a Century
9 Eames Plastic Chair

28 Eames Fiberglass Chair
31 Wire Chair



Neutral earth tones in mustard/ivory, nude/ivory, warm grey/ivory, as well as Eames Elephant Hide Grey and Checker



Finely graduated shades of blue, from mint/ivory to sea blue to Eames Navy Blue



White, pebble and Eames Parchment, with Hopsak in bright yellow and green tones



Beautiful darks with subtle accents in forest, sea blue and mustard/dark grey



Extensive palette of red tones, from rusty orange, dark red/moor brown, Eames Orange to light pink



Eames Raw Umber and Eames Elephant Hide Grey combined with forest and Eames Sea Foam Green

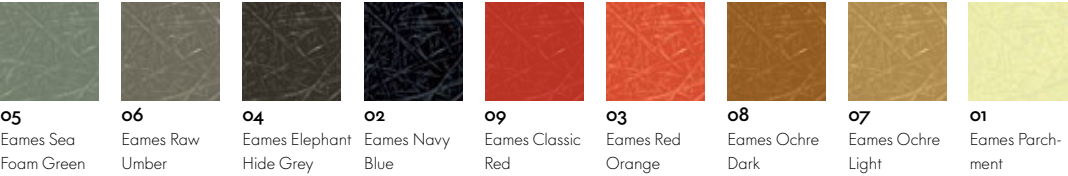


The new palette for the Plastic Chairs features neutral, mid-tone and bright colours that interact with one another while still maintaining their individual identity and impact. The overall spectrum for the Plastic Chairs has thus been expanded. At the same time, the Eames Fiberglass Chairs are being offered in intermediate tones with a more neutral character, which fits with their roots as the original colours of the chair group. Together the Plastic Chairs and the Fiberglass Chairs form a comprehensive range of colours, providing a suitable version for almost every taste and purpose.

The palette for the Eames Fiberglass Chairs was augmented with three additional shades, while ten of the colours for the Eames Plastic Chairs were exchanged for new hues.

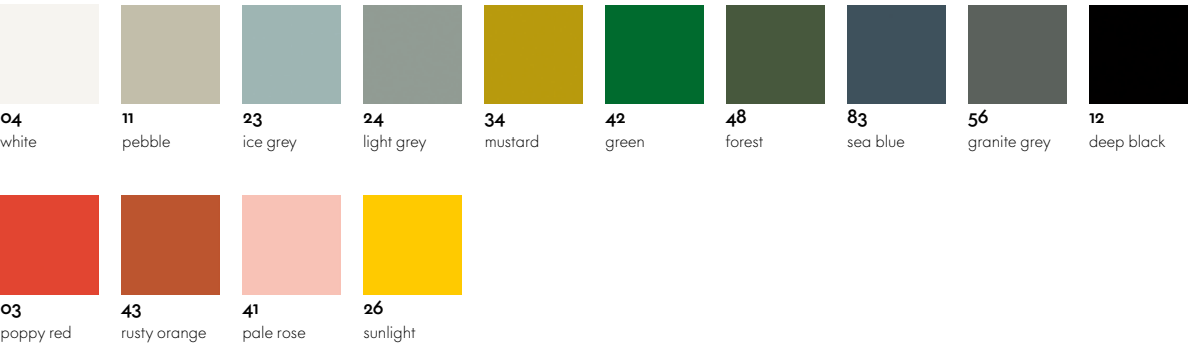
Palette for the Eames Fiberglass Chairs

The group of Fiberglass Chairs now comes in nine colours.



Palette for the Eames Plastic Chairs

Four existing shades are being retained and ten new ones are being added.



The hard-wearing classic duotone fabric welcomes even more colours.

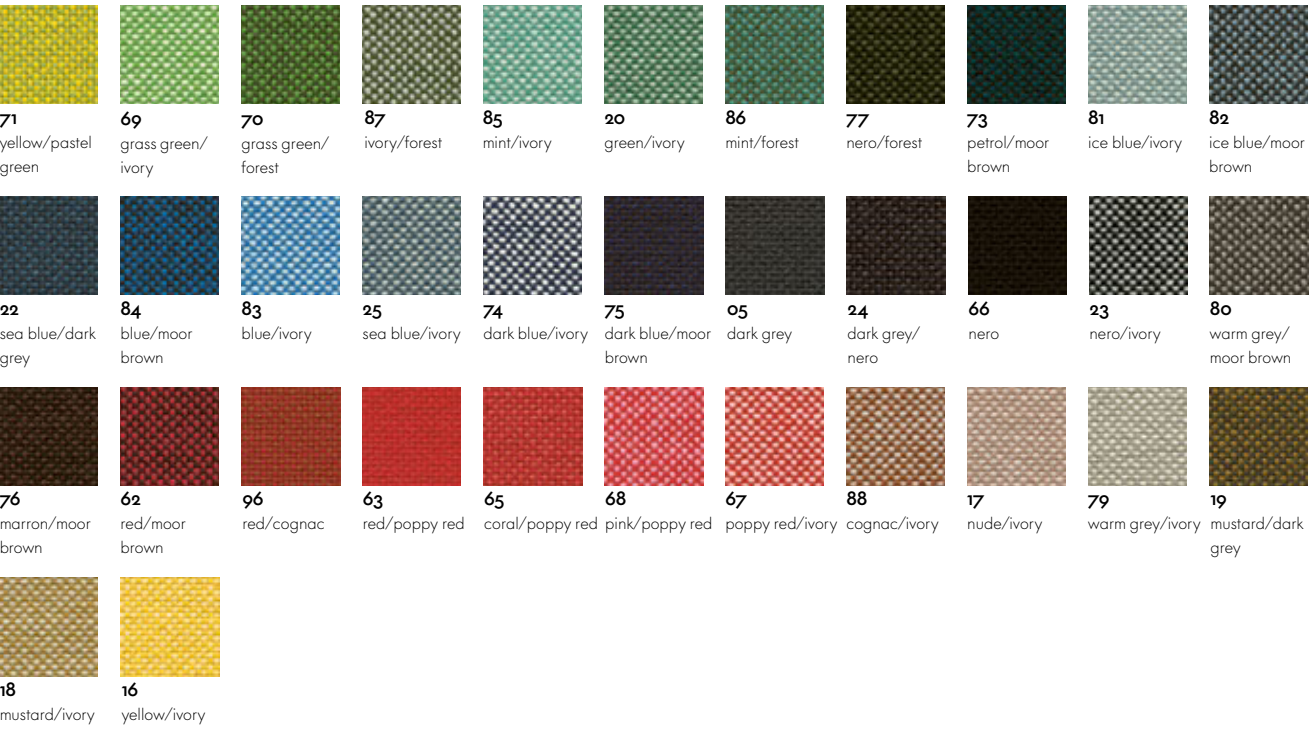
Hopsak fabric has been manufactured exclusively for Vitra since 1971 and was originally offered in a palette developed by Alexander Girard for the Eames and Nelson collections. Over the years, Hopsak has been regularly updated and refined to meet changing technical requirements and colour preferences, and is the reigning classic in the current portfolio of Vitra fabrics. Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations

of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as in public areas. The extended Hopsak colour palette includes natural muted tones, which serve as calming bridge colours and can be perfectly combined with the new hues for the shells of the Eames Plastic Chairs. Hopsak is now available in 35 colours.

Hopsak fabric colour palette

Hopsak is now available in 35 colours: nine new shades have been added and two colours (78 nero/moor brown; 72 yellow/poppy red) have been removed from the range.

Hopsak





Neutral tones

Colours like white and a variety of grey tones perfectly complement one another and can be harmoniously paired with subtle shades. They exude an image of calmness and elegance.



Mid tones

The mid tones constitute the heart of the colour palette. They unify the influences of the neutral and bright tones, appearing calm and restrained despite their noticeable colour.



Bright tones

The group of bright tones is made up of pure colours. Their vibrant clarity immediately catches the eye.



Eames Plastic Chair

vitra.

Charles & Ray Eames, 1950



Eames Plastic Chair

The Eames Plastic Chairs are renewed versions of the legendary Fiberglass Chair. As the very first industrially produced plastic chair, it was originally developed by the Eameses in collaboration with Zenith Plastics for the 'Low-Cost Furniture Design' competition organised by the Museum of Modern Art. In the current versions made of polypropylene, these chairs provide even greater comfort.

The wide selection of bases makes it possible to use the chairs in a variety of settings: from the dining room or home office to the garden. Different colours and upholstery versions provide many options for combining individual chairs to meet various needs.

In 2015, Vitra adapted the seat geometry and height of the Eames Plastic Chairs to today's requirements and also expanded the selection of colours with six new shades.

The Eames Plastic Armchair is complemented by the Eames Plastic Side Chair without armrests.



Charles & Ray Eames

Charles and Ray Eames are counted among the most important figures of twentieth-century design. Their work spans the fields of furniture design, filmmaking, photography and exhibition design. Vitra is the sole authorised manufacturer of Eames products for

Europe and the Middle East. When you own an Eames product made by Vitra, you know it is an original.

9 Eames Plastic Armchair
10-16 Areas of use
17 Cover materials

18-21 Seat shells and upholstery
easily combined
22-23 Authenticity

24-25 Dimensions
26-27 Colours and materials



Dining at home – or eating out

At home as well as in restaurants and cafeterias, the many configuration options make it possible to find just the right chair for any furnishing scheme or interior environment.

Materials DAW

- **Base:** wooden base in various shades of maple or honey-toned ash, stained and lacquered finish. Steel rod cross struts in basic dark. (DAW = Dining Height Armchair Wood Base)

Materials DSW

- **Base:** non-stackable wooden base in various shades of maple or honey-toned ash, stained

and lacquered finish. Steel rod cross struts in basic dark. (DSW = Dining Height Side Chair Wood Base)

- **Origin of wood:** ash (*Fraxinus excelsior*) and maple (*Acer platanoides*) from Western Europe and/or Poland.

Materials DAR

- **Base:** wire base with cross struts, chrome-plated or powder-coated finish. The powder-coated version is suitable for outdoor use. (DAR = Dining Height Armchair Rod Base)

Materials DSR

- **Base:** non-stacking four-legged wire base with cross struts. The powder-coated version is suitable for outdoor use. (DSR = Dining Height Side Chair Rod Base)

Materials DAX

- **Base:** four-legged tubular steel base, chrome-plated or powder-coated in basic dark. The powder-coated version is suitable for outdoor use. (DAX = Dining Height Armchair X-Base)

Materials DSX

- **Base:** non-stacking four-legged tubular steel base. The powder-coated version is suitable for outdoor use. (DSX = Dining Height Side Chair X-Base)
- **Note:** special additives retard the fading of colours due to UV radiation. However, if the chair is exposed to sunlight for prolonged periods, the colour may change over time. We recommend limited exposure to sunlight.



Outdoor

Versions of the Eames Plastic Chair and Wire Chair with non-upholstered seat shells and powder-coated bases are also suited for use in outdoor settings. They not only provide a striking visual accent on terraces and balconies but also make it possible to enjoy the chair's exceptional comfort under the open sky.

Materials DAR

- **Base:** wire base with cross struts, chrome-plated or powder-coated finish. The powder-coated version is suitable for outdoor use. (DAR = Dining Height Armchair Rod Base)

Materials DSR

- **Base:** non-stacking four-legged wire base with cross struts. The powder-coated version is suitable for outdoor use. (DSR = Dining Height Side Chair Rod Base)

Materials DAX

- **Base:** four-legged tubular steel base, chrome-plated or powder-coated in basic dark. The powder-coated version is suitable for outdoor use. (DAX = Dining Height Armchair X-Base)

Materials DSX

- **Base:** non-stacking four-legged tubular steel base. The powder-coated version is suitable for outdoor use. (DSX = Dining Height Side Chair X-Base)
- **Note:** special additives retard the fading of colours due to UV radiation. However, if the chair is exposed to sunlight for prolonged periods, the colour may change over time. We recommend limited exposure to sunlight.





Living

The rocking chair RAR (Rocking Armchair Rod Base), the LAR (Lounge Height Armchair Rod Base) and the elegant DAL (Dining Armchair La Fonda Base) are expressive solitary pieces that cut a fine figure in a wide range of interior environments.

Materials RAR

- **RAR base:** wire base with cross struts, solid maple runners. (RAR = Rocking Armchair Rod Base)
- **Origin of wood:** maple (Acer platanoides) from Western Europe and/or Poland.

Materials LAR

- **LAR base:** wire base with cross struts, chrome-plated or powder-coated finish. Seat height 256 mm. (LAR = Lounge Height Armchair, Rod Base)

Materials DAL

- **Base:** La Fonda base in polished die-cast aluminium. (DAL = Dining Height Armchair La Fonda Base)



Home office and studio

The PACC and PSCC versions feature a height-adjustable five-star base on castors with both spring and swivel functions. The chairs offer pleasant comfort in office environments where work tasks require shorter periods of sitting.

Materials PACC

- **Base:** five-star base in polished die-cast aluminium with double castors in basic dark. (PACC = Pivot Armchair Cast Base on Castors)

Materials PSCC

- **Base:** five-star base in polished die-cast aluminium with double castors in basic dark. (PSCC = Pivot Side Chair Cast Base on Castors)





Multipurpose seating

As flexible seating solutions in auditoriums, conference facilities, media rooms, assembly halls and similar spaces, the Eames Plastic Chairs have proven their worth over decades of use: the models DSS and DSS-N can be stacked, and DSS can also be linked in rows.

Materials DSS

- **Base:** chrome-plated tubular steel base, DSS with ganging bracket. (DSS = Dining Height Side Chair Stacking Base)
- **Stacking:** Version without upholstery can be stacked up to 8 chairs on the floor or on a stacking trolley. Version with seat and full upholstery: up to 5 chairs can be stacked on the floor, up to 6 chairs on a stacking trolley.

Materials DSS-N

- **Base:** chrome-plated tubular steel base, DSS-N without ganging brackets. (DSS-N = Dining Height Side Chair Stacking Base Non-Link)
- **Stacking:** Version without upholstery can be stacked up to 8 chairs on the floor or on a stacking trolley. Version with seat and full upholstery: up to 5 chairs can be stacked on the floor, up to 6 chairs on a stacking trolley.

Stacking trolley

The practical stacking trolley facilitates the quick set-up and storage of chairs used for temporary functions.



Ganging brackets

With the ganging brackets, the chairs can be easily hooked together to keep them in their intended place.



Row and seat numbers

The models DSS and DSS-N can be labelled with a row number as well as a seat number.



DSS-N

DSS, row with ganging brackets

Stacking



Waiting areas

Beam supports in different lengths are available for the Eames Plastic Chairs, accommodating two to five seat shells. Thanks to the robust seat shells and the indestructible base construction, these configurations are suited for all types of waiting areas including those subject to intense use.

Materials Eames Plastic Chair on beam

- **Table unit:** black solid core material (560 x 430 mm).
- **Base:** two-legged beam support in different lengths accommodates 2 to 5 chair shells or table units. T-beam: epoxy-coated in basic dark, polished aluminium legs. Fitted with plastic glides for carpet or anti-skid felt glides for hard floors.



Eames Plastic Side Chair on beam



Eames Plastic Armchair on beam

COVER MATERIALS



Hopsak

Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as public areas.

Hopsak is available in 35 colours.



CARE INSTRUCTIONS

Cover fabrics

To care for cover fabrics, vacuum regularly with an upholstery nozzle to remove dust and lint. Fresh spots and spills can usually be removed by blotting immediately with an absorbent, lint-free sponge or cloth. To prevent remaining traces of a ring mark, work from the edge of the spot towards the centre. To avoid mineral residue from remaining on dark fabrics after drying, we recommend the use of household-grade distilled water for dampening. Stubborn stains can be treated by brushing dry stains lightly with a soft brush (for example, a clothes brush). Depending on the type of stain, the use of solvents may be necessary. In such cases, it is essential to consult a professional cleaner. Under no circumstances should cover fabrics be rubbed vigorously. Please be sure to consult a specialist before using any solvent-based cleaning product.

Plastics

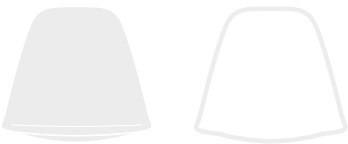
Vitra plastics are very robust, with excellent shape retention and

colourfastness, making them resistant to a variety of chemicals and other substances. Furthermore, special additives retard the fading of colours due to UV radiation. However, the exposure of a chair to sunlight for prolonged periods may cause the colour to change over time. For this reason, limited exposure to sunlight is advisable. Please use a soft, damp, non-abrasive cloth to clean plastic surfaces and dry gently. For stain removal, we recommend the use of a mild, commercially available cleaning agent. Always avoid abrasive cleaning agents including powders and pastes as well as aggressive 'all-purpose' cleaners containing alcohol, which will damage the surface.

With a total of 14 shell colours, 35 upholstery shades and many different bases, the collection of Plastic Side Chairs and Plastic Armchairs offers around 100,000 possible combinations. This vast array of options makes it possible to colour-coordinate chairs to suit the specific interior.

Each shell colour can be paired with the Hopsak palette to define individual combinations.

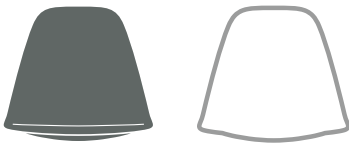
1. Duotones containing a light thread make a lovely pairing with light-coloured shells and white welting.



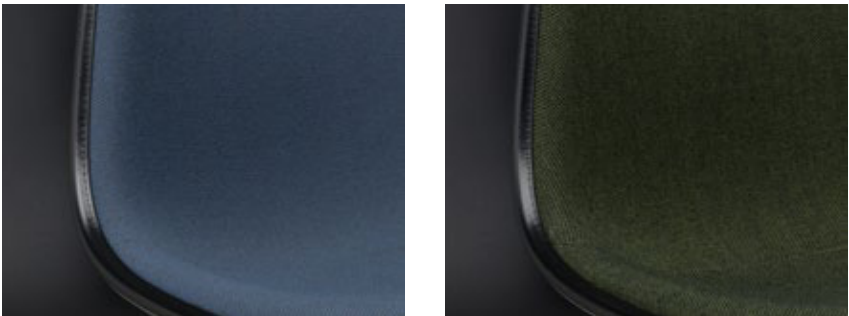
81 ice blue/ivory	85 mint/ivory	20 green/ivory	87 ivory/forest	83 blue/ivory	25 sea blue/ivory
74 dark blue/ivory	82 ice blue/moor brown	67 poppy red/ivory	88 cognac/ivory	18 mustard/ivory	16 yellow/ivory
17 nude/ivory	79 warm grey/ivory				



2. Duotones with a dark thread form a stunning combination with a dark shell and black welting.





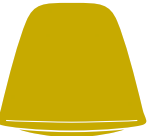
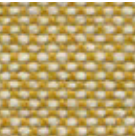

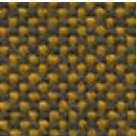


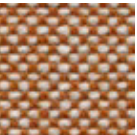


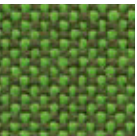
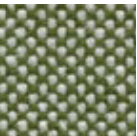
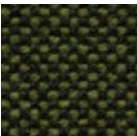


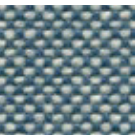
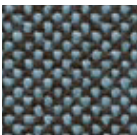

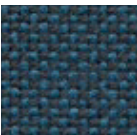
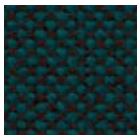
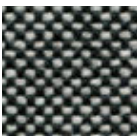
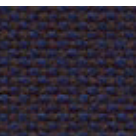
23 nero/ivory	82 ice blue/moor brown	84 blue/moor brown	22 sea blue/dark grey	77 nero/forest	73 petrol/moor brown
05 dark grey	24 dark grey/nero	75 dark blue/moor brown	66 nero	76 marron/moor brown	62 red/moor brown
19 mustard/dark grey	80 warm grey/moor brown				



Each shell colour can be paired with the Hopsak palette to define individual combinations. The user can also pick up the colour of the shell in the fabric, or play with duotones and create accents.

 11 pebble		 79 warm grey/ivory	 17 nude/ivory			
 24 light grey		 74 dark blue/ivory				
 41 pale rose		 68 pink/poppy red				
 26 sunlight		 16 yellow/ivory	 71 yellow/pastel green			
 03 poppy red		 67 poppy red/ivory	 65 coral/poppy red	 63 red/poppy red		 96 red/cognac
 42 green		 20 green/ivory				



 23 ice grey		 81 ice blue/ivory				
 34 mustard		 18 mustard/ivory		 19 mustard/dark grey		
 43 rusty orange		 88 cognac/ivory				
 48 forest		 70 grass green/forest		 87 ivory/forest	 77 nero/forest	
 83 sea blue		 25 sea blue/ivory	 82 ice blue/moor brown		 22 sea blue/dark grey	 73 petrol/moor brown
 56 granite grey		 80 warm grey/moor brown	 23 nero/ivory	 75 dark blue/moor brown	 05 dark grey	 24 dark grey/nero



In design, the word “original” can be used if the legal and ideational requirements are fulfilled.

The term means that a design has been manufactured by the legitimate producers, regardless of the time of its creation, in the spirit of the designer and that it is therefore authentic.

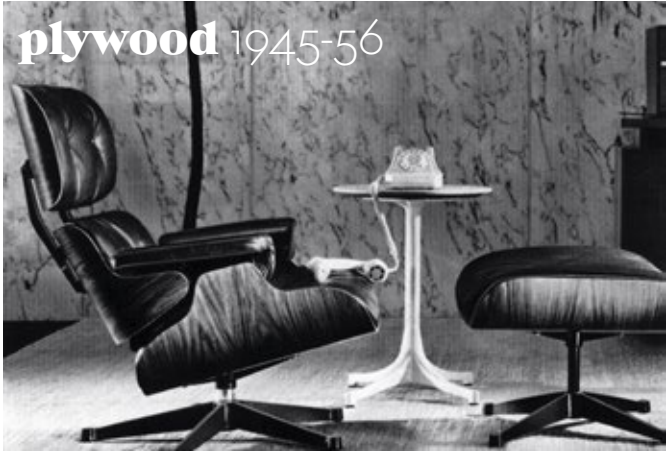
A prerequisite for having the status of an original is, in fact, the relationship between the designer (or their descendants) and the manufacturer of the products. It has a legal and an ideational component. In order to be able to speak of an original, the designer must transfer the right to produce to the manufacturer. Anyone who manufactures a design without this legal basis is making use of a third party’s property. That applies not only to the manufacturer but also to the consumer who purchases this product.

Just as important is the ideational relationship between designer and manufacturer. It expresses itself within the close collaboration on all production issues. The copyist does not have this relationship: the extent to which the copy deviates from the original idea, whether that is from lack of knowledge, sloppiness or cost-saving, remains unknown.



Rolf Fehlbaum

plastic 1948-61





Authenticity

In close cooperation with the Eames Office, which represents Charles & Ray Eames’ family, Vitra guarantees that each Eames Plastic Chair gives the exact design experience of comfort, aesthetics and quality that Charles & Ray Eames intended for the user – a feeling that only the original can offer.


Eames Demetrios



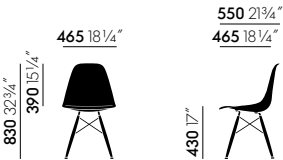
aluminium 1958-69

info@vitra.com | EN 2019

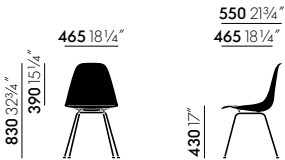
www.vitra.com/epc 23



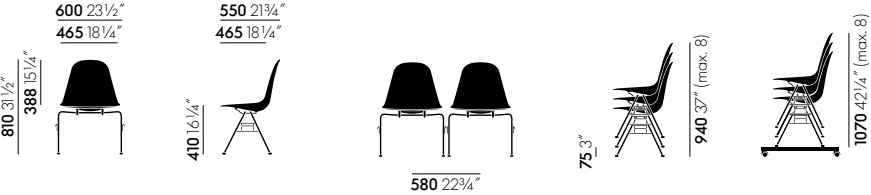
DSR



DSW



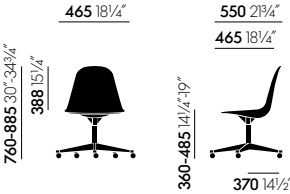
DSX



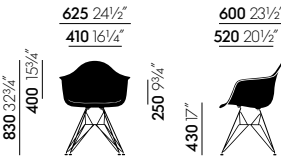
DSS



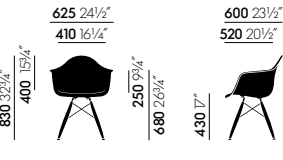
DSS-N



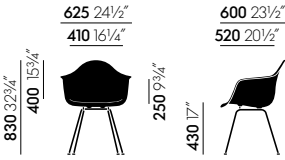
PSSC



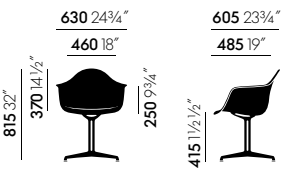
DAR



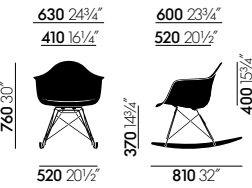
DAW



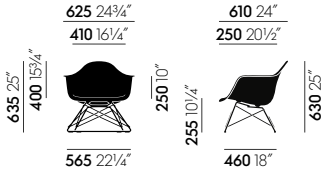
DAX



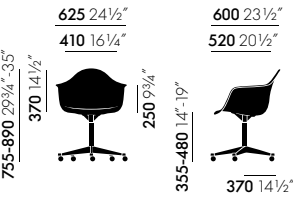
DAL



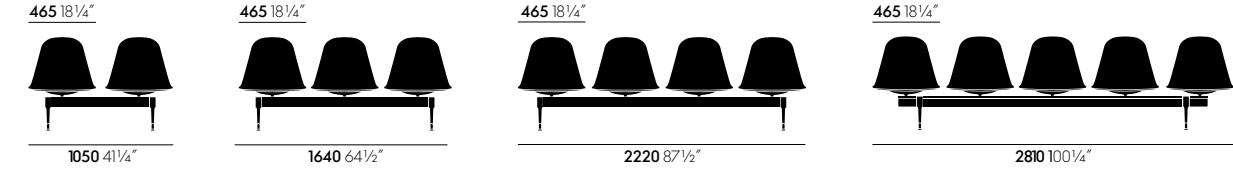
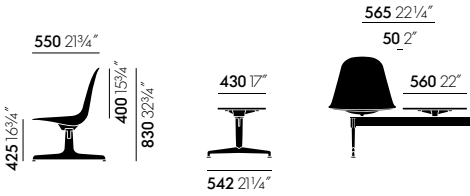
RAR



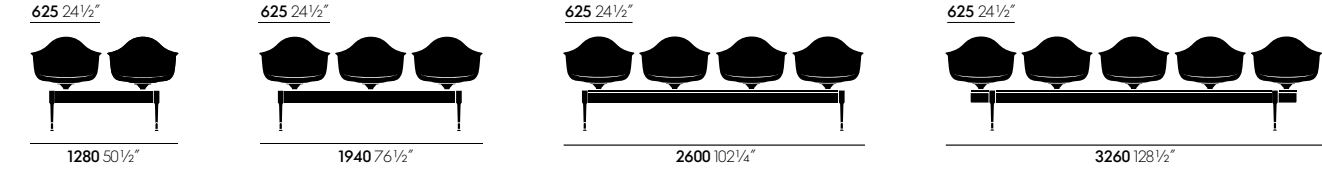
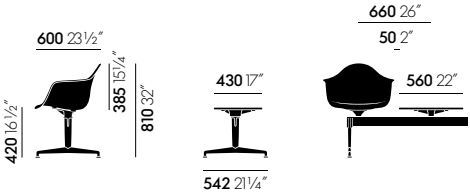
LAR



PACC

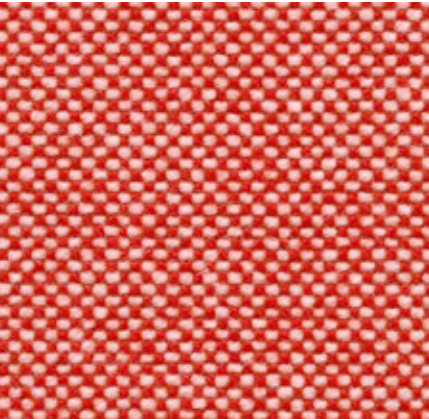


Eames Plastic Side Chair on beam



Eames Plastic Armchair on beam

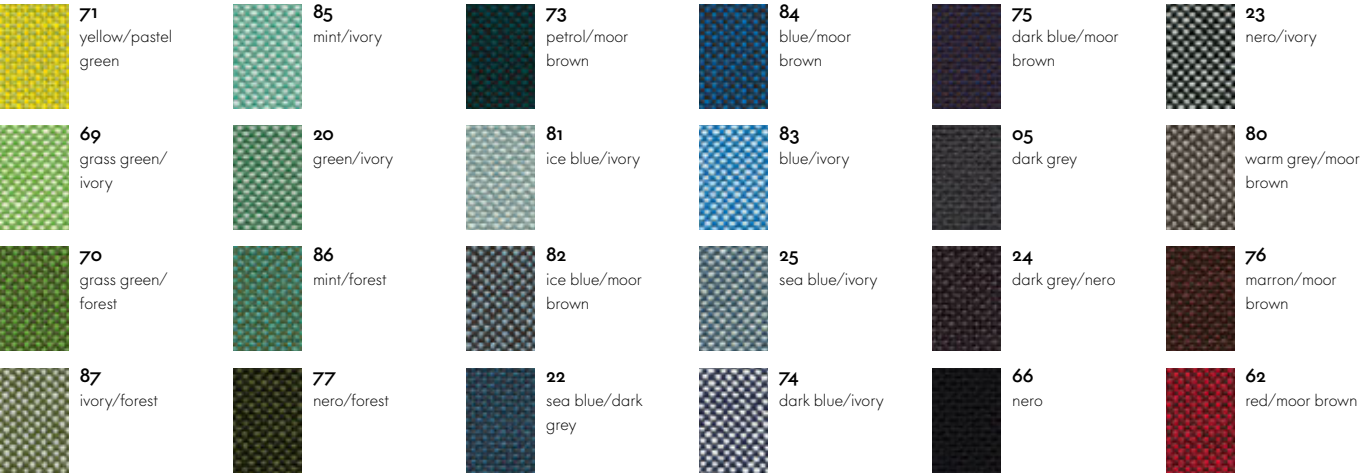
Hopsak Home/Office, F6o



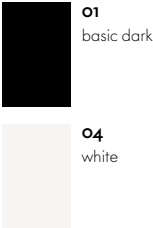
Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as public areas.

Hopsak is available in 35 colours.

Material	100% polyamide
Weight	550 g/m² (16.2 oz/y²)
Width	127 cm +/- 2 cm (50")
Abrasion resistance	200,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet



Seat shell



Piping

BASES



DAR, DAX, DSR, DSX

DSW, DAW

DAL, PACC, PSCC

DSS, DSS-N



Wire base RAR

Rocking skids RAR

