

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



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



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



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



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



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

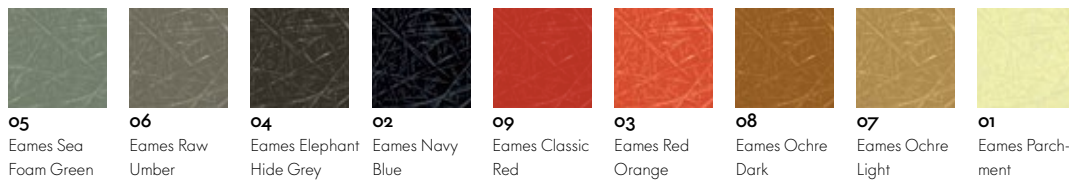


The new palette for the Plastic Chairs features neutral, mid-tone and bright colours that interact with one another while still maintaining their individual identity and impact. The overall spectrum for the Plastic Chairs has thus been expanded. At the same time, the Eames Fiberglass Chairs are being 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.



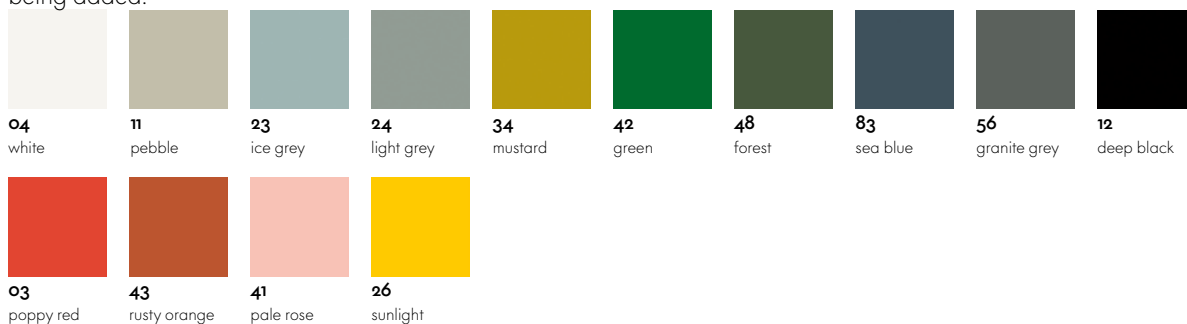
Palette for the Eames Fiberglass Armchairs

The group of Fiberglass Armchairs comes in four 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

71 yellow/pastel green	69 grass green/ivory	70 grass green/forest	87 ivory/forest	85 mint/ivory	20 green/ivory	86 mint/forest	77 nero/forest	73 petrol/moor brown	81 ice blue/ivory	82 ice blue/moor brown
22 sea blue/dark grey	84 blue/moor brown	83 blue/ivory	25 sea blue/ivory	74 dark blue/ivory	75 dark blue/moor brown	05 dark grey	24 dark grey/nero	66 nero	23 nero/ivory	80 warm grey/moor brown
76 marron/moor brown	62 red/moor brown	96 red/cognac	63 red/poppy red	65 coral/poppy red	68 pink/poppy red	67 poppy red/ivory	88 cognac/ivory	17 nude/ivory	79 warm grey/ivory	19 mustard/dark grey
18 mustard/ivory	16 yellow/ivory									

**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

Charles & Ray Eames, 1950

vitra.



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.



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1	Eames Plastic Armchair
2-8	Areas of use
9	Cover materials

10-11	Eames Plastic Chair – Colours
12-13	Eames Plastic Chair – Bases
14-15	Dimensions

16	Colours and materials
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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. 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.



DAW



DSW



DAR



DSR



DSX



DSX



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. 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.



DSR



DAR



DSX



DAX



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, chrome-plated or powder-coated, 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)



DAL



DAL



LAR



RAR



RAR



RAR



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)



PACC



PACC



PACC



PSCC



PSCC



PSCC



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.



DSS-N

DSS, row with ganging brackets

Stacking

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.





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



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

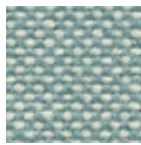
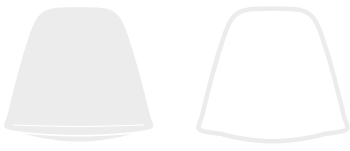
Vitra plastics are very robust, with excellent shape retention and colourfastness, making them resistant to a variety of chemicals and other substances. Furthermore, special additives retard the fading of colours due to UV radiation. However, the exposure of a chair to sunlight for prolonged periods 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.

SEAT SHELLS AND UPHOLSTERY EASILY COMBINED

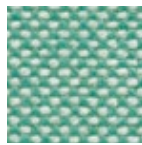
With a total of 14 shell colours, 35 upholstery shades and many different bases, the collection of Plastic Side Chairs and Plastic Armchairs offers around 100,000 possible combinations. This vast array of options makes it possible to colour-coordinate chairs to suit the specific interior.

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

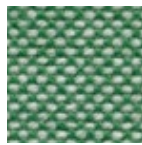
1. Duotones containing a light thread make a lovely pairing with light-coloured shells and white welting.



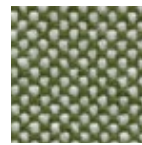
81
ice blue/ivory



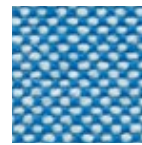
85
mint/ivory



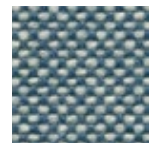
20
green/ivory



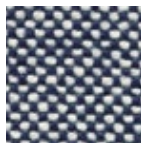
87
ivory/forest



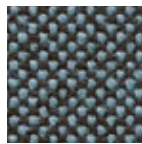
83
blue/ivory



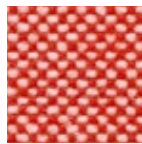
25
sea blue/ivory



74
dark blue/ivory



82
ice blue/moor brown



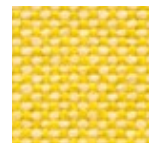
67
poppy red/ivory



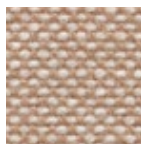
88
cognac/ivory



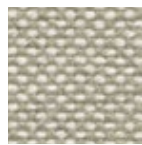
18
mustard/ivory



16
yellow/ivory



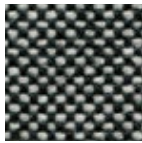
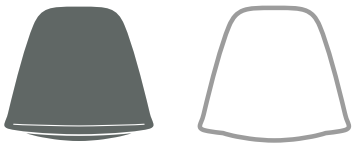
17
nude/ivory



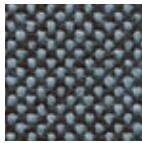
79
warm grey/ivory



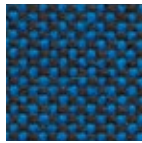
2. Duotones with a dark thread form a stunning combination with a dark shell and black welting.



23
nero/ivory



82
ice blue/moor brown



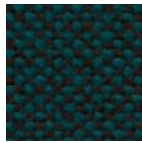
84
blue/moor brown



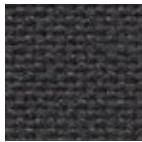
22
sea blue/dark grey



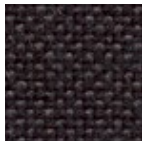
77
nero/forest



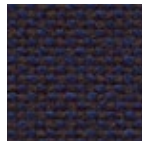
73
petrol/moor brown



05
dark grey



24
dark grey/nero



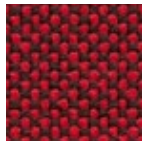
75
dark blue/moor brown



66
nero



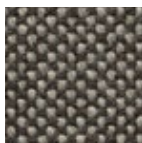
76
marron/moor brown



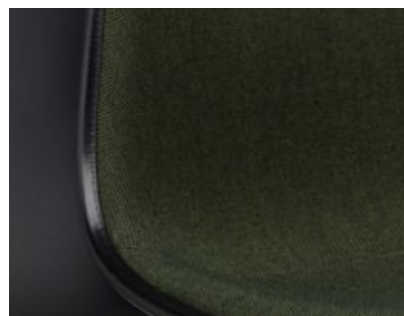
62
red/moor brown



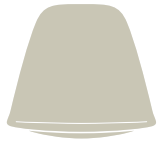
19
mustard/dark grey



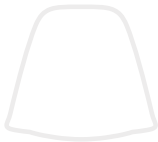
80
warm grey/moor brown



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



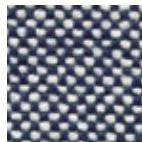
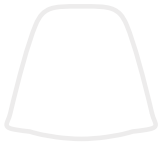
79
warm grey/ivory



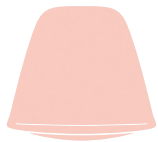
17
nude/ivory



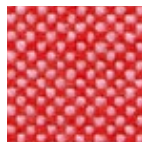
24
light grey



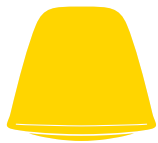
74
dark blue/ivory



41
pale rose



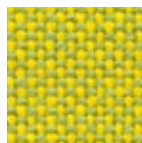
68
pink/poppy red



26
sunlight



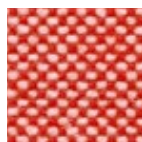
16
yellow/ivory



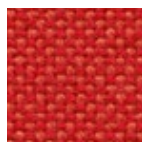
71
yellow/pastel green



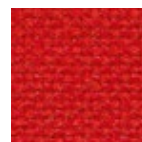
03
poppy red



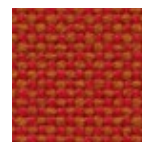
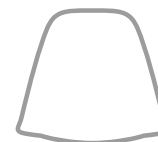
67
poppy red/ivory



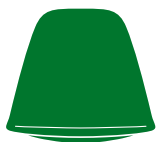
65
coral/poppy red



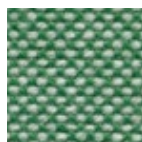
63
red/poppy red



96
red/cognac



42
green

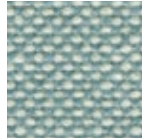


20
green/ivory

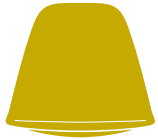




23
ice grey



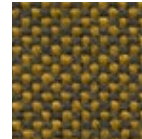
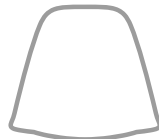
81
ice blue/ivory



34
mustard



18
mustard/ivory



19
mustard/dark grey



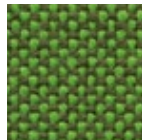
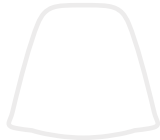
43
rusty orange



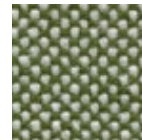
88
cognac/ivory



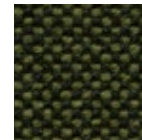
48
forest



70
grass green/forest



87
ivory/forest



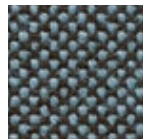
77
nero/forest



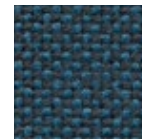
83
sea blue



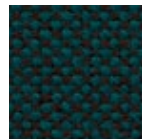
25
sea blue/ivory



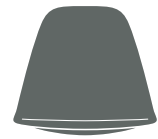
82
ice blue/moor brown



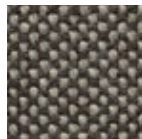
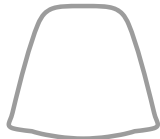
22
sea blue/dark grey



73
petrol/moor brown



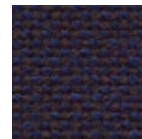
56
granite grey



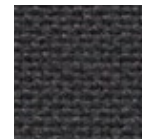
80
warm grey/moor brown



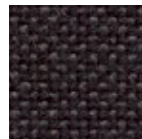
23
nero/ivory



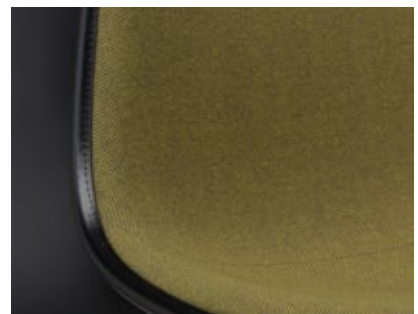
75
dark blue/moor brown



05
dark grey



24
dark grey/nero



The Authenticity of the Vitra Eames Collection

vitra.

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.

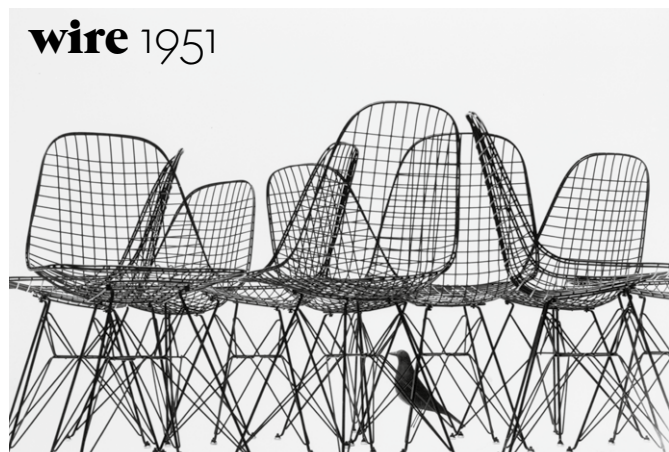
A prerequisite for having the status of an original is, in fact, the relationship between the designer (or their descendants) and the manufacturer of the products. It has a legal and an ideational component. In order to be able to speak of an original, the designer must transfer the right to produce 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.

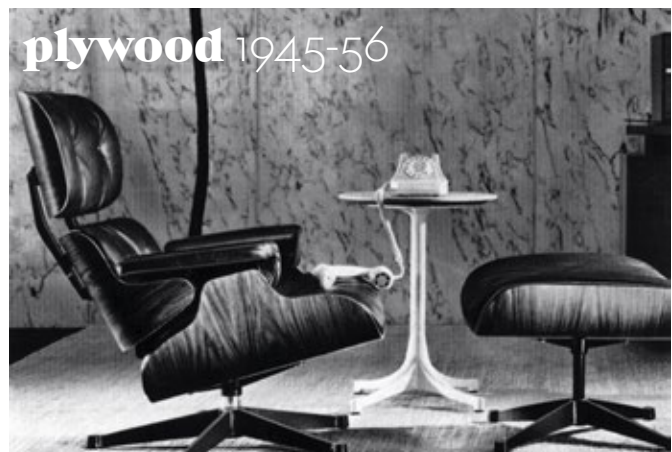
Rolf Fehlbaum



plastic 1948-61



wire 1951



plywood 1945-56



Authenticity

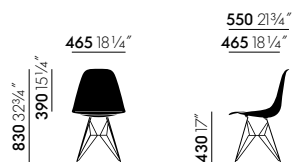
In close cooperation with the Eames Office, which represents Charles & Ray Eames' family, Vitra guarantees that each Eames Plastic Chair gives the exact design experience of comfort, aesthetics and quality that Charles & Ray Eames intended for the user – a feeling that only the original can offer.



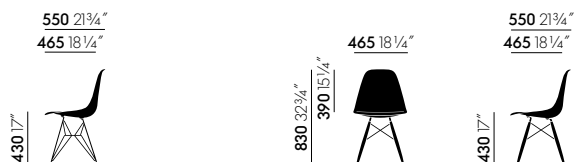
Eames Demetrios



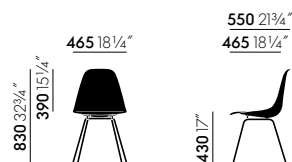
aluminium 1958-69



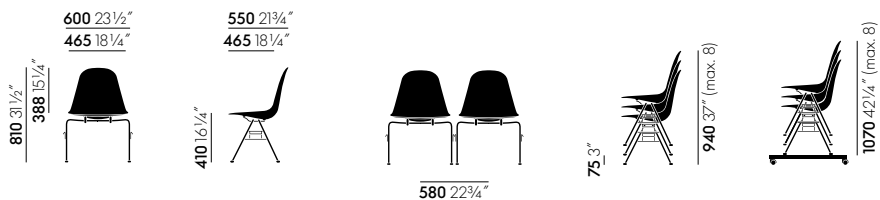
DSR



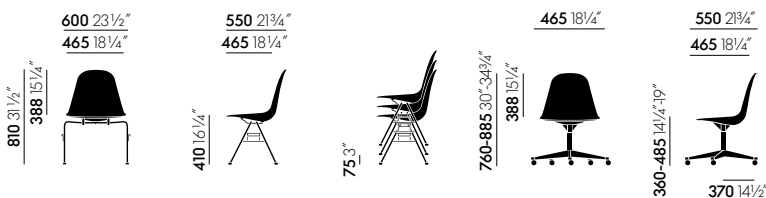
DSW



DSX

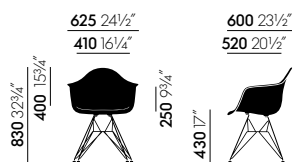


DSS

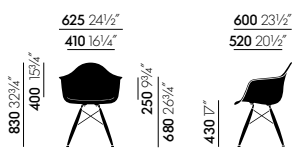


DSS-N

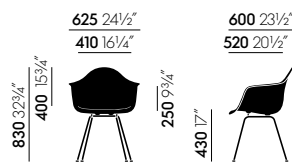
PSCC



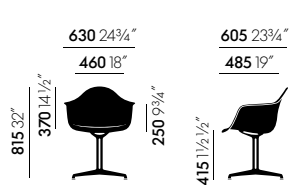
DAR



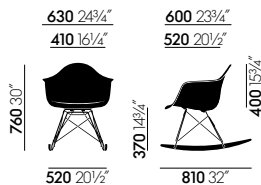
DAW



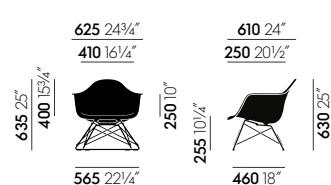
DAX



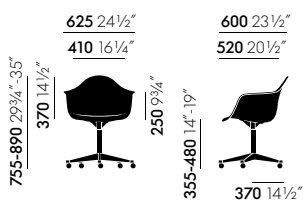
DAL



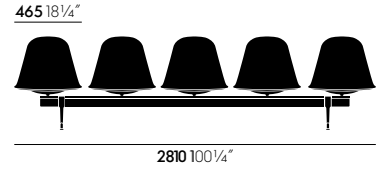
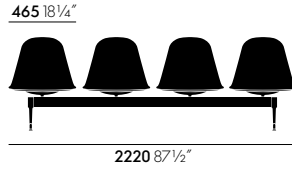
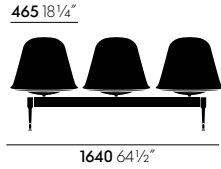
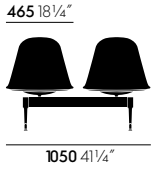
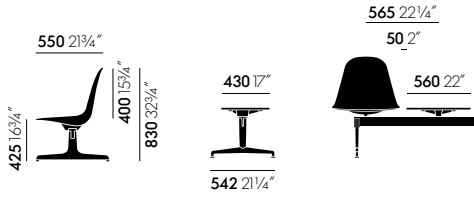
RAR



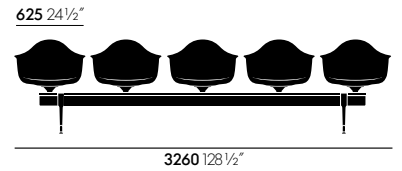
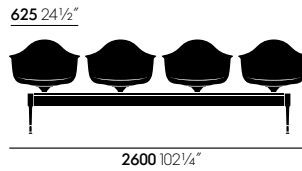
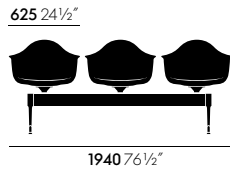
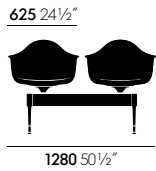
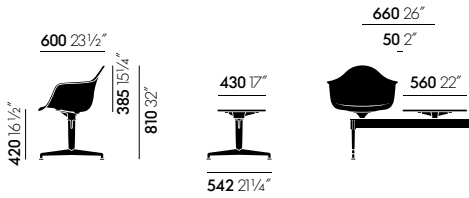
LAR



PACC



Eames Plastic Side Chair on beam



Eames Plastic Armchair on beam





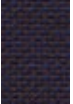















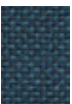



Hopsak Home/Office, F60














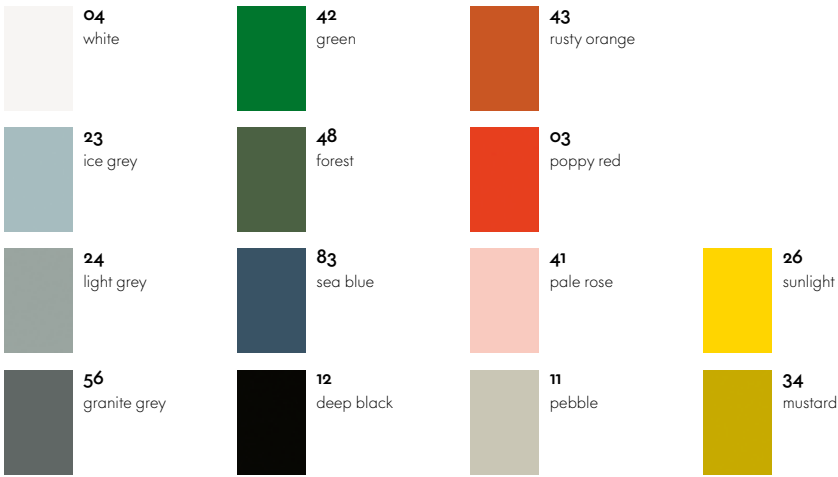
Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as public areas.

Hopsak is available in 35 colours.

Material	100% polyamide
Weight	550 g/m ² (16.2 oz/y ²)
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

 71 yellow/pastel green	 85 mint/ivory	 73 petrol/moor brown	 84 blue/moor brown	 75 dark blue/moor brown	 23 nero/ivory
 69 grass green/ivory	 20 green/ivory	 81 ice blue/ivory	 83 blue/ivory	 05 dark grey	 80 warm grey/moor brown
 70 grass green/forest	 86 mint/forest	 82 ice blue/moor brown	 25 sea blue/ivory	 24 dark grey/nero	 76 marron/moor brown
 87 ivory/forest	 77 nero/forest	 22 sea blue/dark grey	 74 dark blue/ivory	 66 nero	 62 red/moor brown

 96 red/cognac	 67 poppy red/ivory	
 63 red/poppy red	 88 cognac/ivory	 16 yellow/ivory
 65 coral/poppy red	 17 nude/ivory	 18 mustard/ivory
 68 pink/poppy red	 79 warm grey/ivory	 19 mustard/dark grey

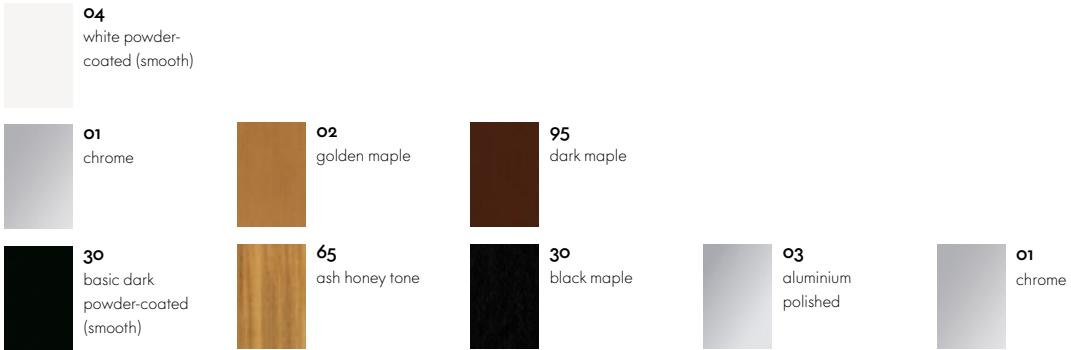


Seat shell



Piping

BASES



DAR, DAX, DSR,
DSX, LAR

DSW, DAW

DAL, PACC, PSCC

DSS, DSS-N



Base RAR

Rocking skids RAR



Eames Fiberglass Side Chairs

vitra.

Charles & Ray Eames, 1950



Eames Fiberglass Side Chairs

In 1948, Charles and Ray Eames participated in the 'International Competition for Low-Cost Furniture Design', organised by the New York Museum of Modern Art, entering a chair with a seat shell moulded to fit the contours of the human body along with a concept for a variety of bases. Their design won second prize. However, the metal seat shell proved too complex and expensive to achieve successful mass production.

The couple's search for alternative materials eventually led them to glass-fibre reinforced polyester resin, which until then had been primarily restricted to military applications such as aircraft radomes and cockpit covers. The Eameses recognised and fully exploited the advantages of fibreglass: mouldability, rigidity and suitability for industrial manufacturing methods. With this material, which was previously unknown in the furniture industry, they successfully developed the moulded seat shells for mass production: the Fiberglass Chair was born. Its organically shaped, one-piece shell proved to be a much-admired innovation at a time when chairs typically consisted of a seat and backrest. Fibreglass offered the added advantage of pleasant tactile qualities and a perfectly moulded form for optimal comfort.

Charles and Ray developed a striking series of individual bases that could be freely combined with these shells – such as the Eiffel Tower version made of welded steel wire or the wooden base reinforced with metal struts. This combination of

revolutionary seat shells and innovative bases gave the chair family the iconic traits that are still instantly recognisable today.

Charles and Ray attached great importance to the use of colours – as fibreglass had previously only existed in a colourless version. They consequently spent many days in the factory, mixing hues for countless prototypes in their efforts to create colours that best accentuated the organic shape of both shell forms – with and without armrests – in a range of coordinated shades. The first colours developed by the Eameses were greige (a mix of grey and beige), elephant hide grey (to which Charles was referring when he said 'What I really want is a black with feeling') and the slightly transparent tone parchment. Colours such as sea foam green, yellow, ochre and red followed shortly after in the very early days of production.

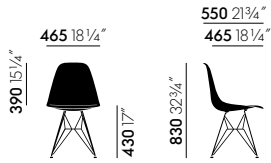
The Fiberglass Chairs were launched on the market in 1950, introducing a new furniture typology that has since become widespread: the multifunctional chair whose shell can be combined with a variety of bases to serve different purposes. In response to the enormous popularity of the chair, the choice of bases and colours was subsequently expanded. Over the course of the following decade, the Fiberglass Chairs became one of the best known furniture designs of the twentieth century.

Vitra manufactures the Fiberglass Side Chairs and Fiberglass Armchairs by Charles and Ray Eames in some of the early original colours. The fibreglass shells are characterised by their lively visual appeal, which is much-prized today. Fibreglass owes its charm to an irregular surface, which appears almost like a natural material thanks to its clearly visible fibres. The version with a polypropylene shell – the Eames Plastic Chair – also remains available. Together the two chair groups form an extensive family, enabling countless variations of the classic Eames design, with a suitable version for almost every taste and purpose.

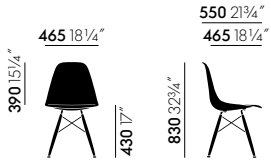
Materials

- **Seat shell:** dyed-through, glass-fibre reinforced polyester (fibreglass). Just like the earliest models, today's fibreglass shells are also slightly transparent in some colours.

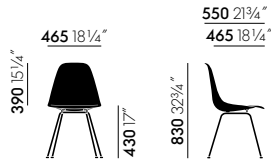
DIMENSIONS



Eames Fiberglass Side Chair DSR



Eames Fiberglass Side Chair DSW



Eames Fiberglass Side Chair DSX

COLOURS AND MATERIALS



04
Eames Elephant
Hide Grey



03
Eames Red
Orange



02
Eames Navy
Blue



05
Eames Sea
Foam Green



01
Eames Parch-
ment



07
Eames Ochre
Light



06
Eames Raw
Umber



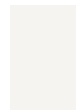
08
Eames Ochre
Dark



09
Eames Classic
Red



65
ash honey tone



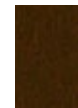
04
white powder-
coated (smooth)



02
golden maple



01
chrome



95
dark maple



30
basic dark
powder-coated
(smooth)



30
black maple

Seat shell

Base DSR, DSX

Base DSW

Eames Fiberglass Armchair

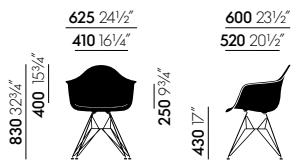
vitra.

Charles & Ray Eames, 1950

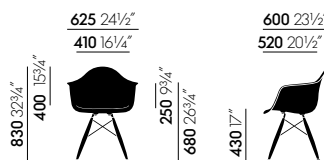


Eames Fiberglass Armchairs

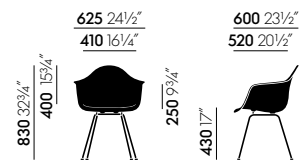
DIMENSIONS



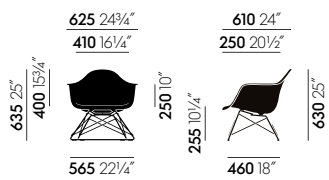
Eames Fiberglass Armchair DAR



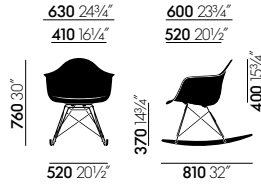
Eames Fiberglass Armchair DAW



Eames Fiberglass Armchair DAX



Eames Plastic Armchair LAR



Eames Plastic Armchair RAR

COLOURS AND MATERIALS



04
Eames Elephant
Hide Grey



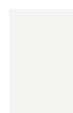
65
ash honey tone



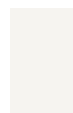
01
Eames Parchment



02
golden maple



04
white powder-coated (smooth)



04
white powder-coated (smooth)



06
Eames Raw
Umber



95
dark maple



01
chrome



01
chrome



02
golden maple



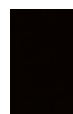
05
Eames Sea
Foam Green



30
black maple



30
basic dark
powder-coated
(smooth)



30
basic dark
powder-coated
(smooth)



95
dark maple

Seat shell

Base DAW

Base DAR, DAX,
LAR

Wire
base RAR

Rocking skids RAR



Wire Chair

Charles & Ray Eames, 1951



Wire Chair

Designed by Charles and Ray Eames out of welded steel wire, the Wire Chair is a variation on the theme of the organically shaped one-piece seat shell, combining transparent lightness with technological sophistication. The seat shell can be combined with a choice of different bases. The Wire Chair is available without upholstery, with a seat cushion or with a two-piece seat and back cushion known as the ‚Bikini‘ pad due to its shape.

The Wire Chairs have a powder-coated finish; some models are also available in a chrome-plated version. DKR and DKX models with a powder-coated finish are ideally suited for both indoor and outdoor use.

In 2016, Vitra added roughly 20 mm to the base height of the Wire Chairs while adapting the seat geometry accordingly. These revisions, which are aesthetically almost imperceptible, increase the comfort of this classic chair design, especially in combination with contemporary tables.

The Wire Chairs by Charles and Ray Eames owe their transparent look to the spot-welded steel wire shell, while the wooden base of the DKW (Dining Chair K-Wire Wood Base) lends a contrasting note of warmth to the essentially technical appearance of the design. The metal components of the DKW chair have a black powder-coated finish; the wooden legs of the base come in various shades of maple.

Materials

- **Upholstery:** unupholstered, with seat cushion or with seat and back pad. Seat and back pads can be removed and reattached; available in Hopsak fabric or leather.

31	Wire Chair	34	Seat upholstery	38-42	Cover materials, surfaces and colours
32	Dining	35	Outdoor	43	Dimensions
33	Public Space	36-37	Authenticity		



Dining

Thanks to their new seat height, adjusted to today's needs, the Wire Chairs are ideal to be placed at contemporary dining tables. The various configurations in chrome, powder coating and wood, combined with the different covers in a range of colours, mean that the right Wire Chair can be found for every setting.

Restaurants

Available in a number of different hard-wearing designs, the Wire Chair can be used in restaurants, canteens and cafeterias, not just at home.

Materials

- **DKX:** Dining Height K-Wire Shell X-Base
 - **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated. The powder-coated version is suitable for outdoor use.
 - **Base:** four-legged tubular steel base, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKR:** Dining Height K-Wire Shell R-Wire Base
 - **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated. The powder-coated version is suitable for outdoor use.
 - **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKW:** Dining Height K-Wire Shell Wood-Base
 - **Seat shell:** bent and welded steel wire, powder-coated in basic dark.
 - **Base:** solid maple with stained finish, steel rod cross struts. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
 - **Origin of wood:** maple (*Acer platanoides*) from Western Europe and/or Poland.



DKR



DKR 2



DKX 5



DKW



DKW 2



Public Space

The construction, from refined steel wire with spot welding, ensures that the Wire Chair is robust and stable and can be used in a variety of ways in public spaces. A number of completed projects bear witness to this, such as the installation of Wire Chairs in open areas at the bus station on the Vitra Campus, in the German town of Weil am Rhein.

Conference and Meeting Rooms

For conference, meeting, media and other such rooms, where it is important to emphasise distinctive aesthetics, the iconic Wire Chairs are a great solution.

Materials

- **DKX:** Dining Height K-Wire Shell X-Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated. The powder-coated version is suitable for outdoor use.
- **Base:** four-legged tubular steel base, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKR:** Dining Height K-Wire Shell R-Wire Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated. The powder-coated version is suitable for outdoor use.
- **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKW:** Dining Height K-Wire Shell Wood-Base
- **Seat shell:** bent and welded steel wire, powder-coated in basic dark.
- **Base:** solid maple with stained finish, steel rod cross struts. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **Origin of wood:** maple (*Acer platanoides*) from Western Europe and/or Poland.



DKR 2



DKR 2



DKX 5



DKW



DKX 5



Cushions

The Wire Chairs can be equipped with a seat cushion or with a combination of a seat and back cushion. The latter is nicknamed the “Bikini” due to its shape. The cushioned Bikini is available in fabric or leather. An elasticated band is used to stretch it over the chair, it is simply secured with small hooks and closed elegantly at the back with a button.

The seat cushion is adapted to the chair’s geometry. The base consists of a contoured seat mount made of wood, that is cushioned and covered with material or leather.

The covers are available in Hopsak material or leather. Hopsak is available in 35 colours and leather in 30. The back of the leather cushion is covered with Plano fabric.

Materials

- **Upholstery:** unupholstered, with seat cushion or with seat and back pad. Seat and back pads can be removed and reattached; available in Hopsak fabric or leather.

A World of Colours

In collaboration with Dutch designer Hella Jongerius, Vitra has developed a wide range of cushion shades that permit endless options when it comes to colour combinations.



DKW 5



DKX 5



DKX 2



DKR 2



DKW 2



Outdoor

The Wire Chair model versions DKR and DKX, featuring designs with a powder-coated finish and no seat cushion, are suitable for outdoor areas and wet areas. The powder coating is available in the colours black, cream and dark grey. The Wire Chair can be used in natural garden settings as well as on modern terraces due to its light aesthetics and it functions as a modest, yet distinctive accent.

Materials

- **DKR:** Dining Height K-Wire Shell R-Wire Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated. The powder-coated version is suitable for outdoor use.
- **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.



DKR



DKX

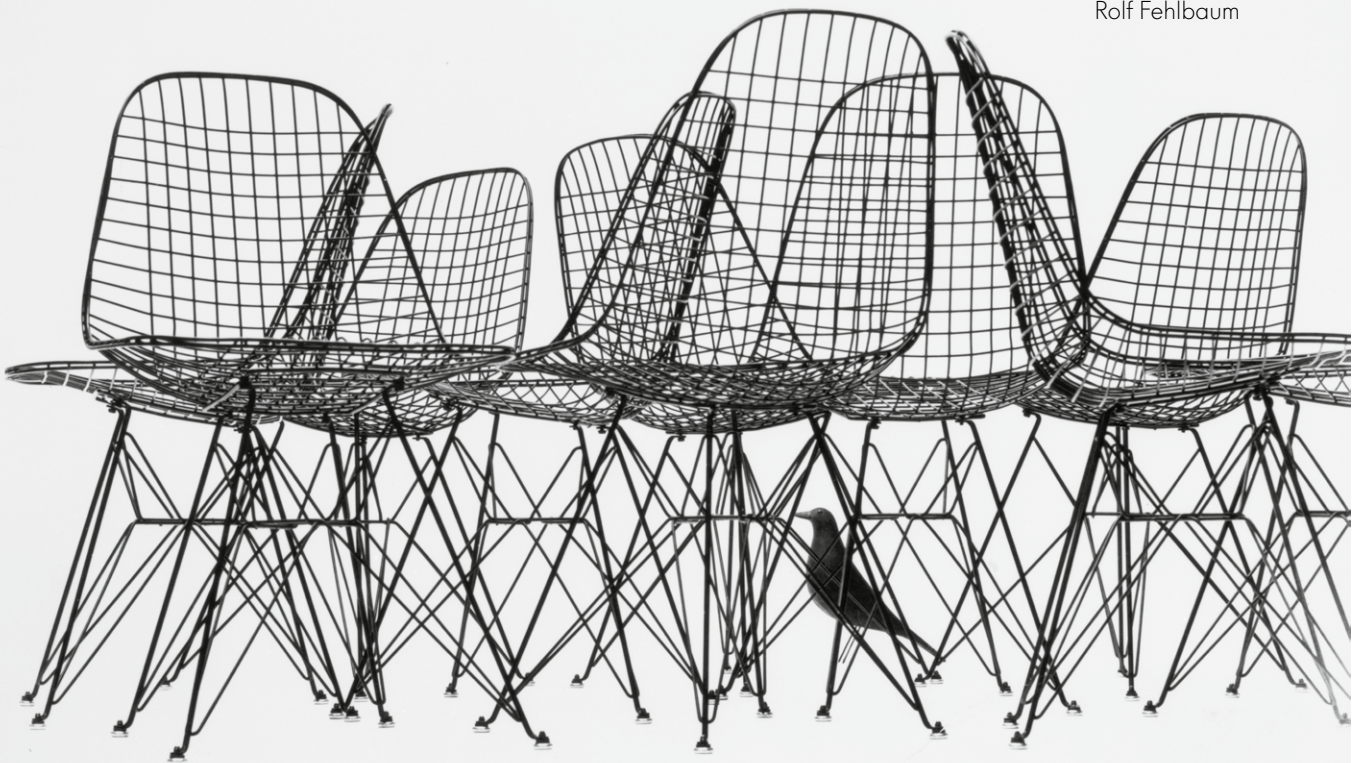
In design, the word “original” can be used if the legal and ideational requirements are fulfilled.

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.

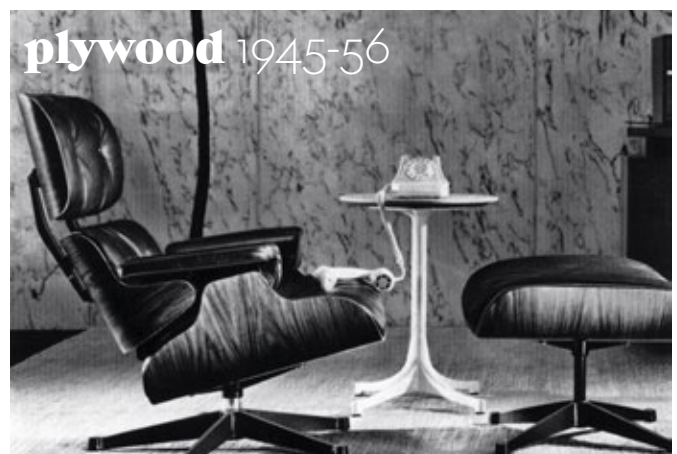
Rolf Fehlbaum



wire 1951



plastic 1948-61



plywood 1945-56



Authenticity

In close cooperation with the Eames Office, which represents Charles & Ray Eames' family, Vitra guarantees that each Wire 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.

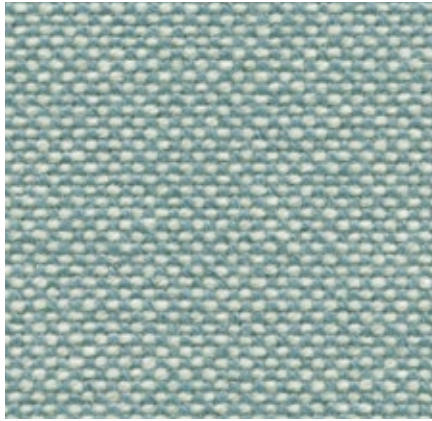


Eames Demetrios



aluminium 1958-69



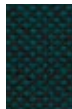

















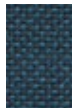



Hopsak Home/Office, F60

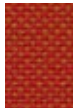





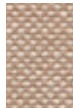


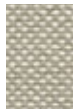



Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as public areas.

Hopsak is available in 35 colours.

Material	100% polyamide
Weight	550 g/m ² (16.2 oz/y ²)
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

 71 yellow/pastel green	 85 mint/ivory	 73 petrol/moor brown	 84 blue/moor brown	 75 dark blue/moor brown	 23 nero/ivory
 69 grass green/ivory	 20 green/ivory	 81 ice blue/ivory	 83 blue/ivory	 05 dark grey	 80 warm grey/moor brown
 70 grass green/forest	 86 mint/forest	 82 ice blue/moor brown	 25 sea blue/ivory	 24 dark grey/nero	 76 marron/moor brown
 87 ivory/forest	 77 nero/forest	 22 sea blue/dark grey	 74 dark blue/ivory	 66 nero	 62 red/moor brown

 96 red/cognac	 67 poppy red/ivory	
 63 red/poppy red	 88 cognac/ivory	 16 yellow/ivory
 65 coral/poppy red	 17 nude/ivory	 18 mustard/ivory
 68 pink/poppy red	 79 warm grey/ivory	 19 mustard/dark grey

Checker Home, F200



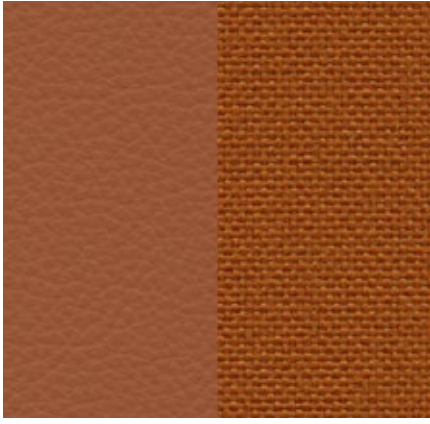
The soft double weave fabric, with a high percentage of cotton, demonstrates exceptional purity of colour and its geometric pattern lends a striking note to any environment.

Material	77% cotton, 23% polyester
Weight	467 g/m ² (13.8 oz/y ²)
Width	140 cm (55")
Abrasion resistance	20,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet



01
black/white

Leather Home/Office, L20



The standard grade leather used by Vitra is a robust cowhide leather, dyed-through, pigmented and embossed with an even grain pattern. Since it is hard-wearing and easy to maintain, it can also be used in office environments.


Leather is available in 16 colours.

Material	Robust cowhide with a distinctive, even grain
Fastness to light	Type 6
Thickness	1.1–1.3 mm
Fastness to rubbing	Grade 4 dry and wet

Leather/back panel Plano

 73/03 clay/parchment/cream white	 59/40 jade/coconut/forest	 69/54 marron/brown	
 64/82 cement/grey/stone	 61/69 umbra grey/dark grey	 87/54 plum/brown	 70/72 red/poppy red
 21/19 dim grey/sierra grey	 66/66 nero/nero	 75/80 camel/coffee	 22/96 red stone/red/cognac
 67/69 asphalt/dark grey	 68/54 chocolate/brown	 71/80 sand/coffee	 97/67 cognac/cognac

Leather/back panel Leather

 72 snow
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Leather Premium Home/Office, L40




Leather Premium is a relatively smooth cowhide leather with a flat grain and fine top sheen. It is dyed-through and lightly pigmented. The semi-aniline leather is soft to the touch and available in 22 colours.

Material	Semi-aniline nappa leather with a very soft and supple feel
Fastness to light	Type 5
Thickness	1.1–1.3 mm
Fastness to rubbing	Grade 4 dry and wet

Leather Premium/back panel Plano

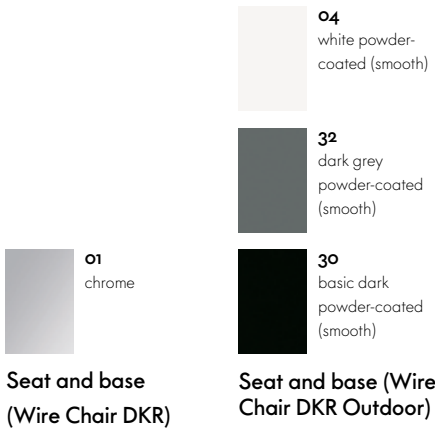
 64/05 cement/ cream white/sierra grey	 58/40 khaki/ coconut/ forest	 77/54 brown/brown	 93/11 brandy/ mar- ron/cognac	 75/80 camel/coffee	
 65/19 granite/sierra grey	 61/69 umbra grey/ dark grey	 68/54 chocolate/ brown	 22/96 red stone/ red/ cognac	 62/80 ochre/coffee	
 60/69 smoke blue/dark grey	 67/69 asphalt/dark grey	 87/54 plum/brown	 97/67 cognac/cognac	 63/80 cashew/coffee	
 59/40 jade/ coconut/ forest	 66/66 nero/nero	 69/54 marron/brown	 74/80 olive/coffee	 71/80 sand/coffee	 73/03 clay/parch- ment/cream white

Leather Premium/back panel Leather Premium

 72 snow

SURFACES AND COLOURS

vitra.



DIMENSIONS

