

The Chair of the Century

Charles & Ray Eames



For many years, Charles and Ray Eames explored the idea of a single seat shell moulded to fit the contours of the human body. They achieved this goal with the revolutionary Eames Shell Chairs – and established a new seating typology in the process. The product line was launched on the market in 1950, offering a choice of two chair shells, various bases and different upholstery options.

The chairs quickly proliferated in homes, offices and public spaces, and came to inspire generations. While the range of models and materials evolved over time, the design concept of the Eames Shell Chairs has remained relevant for seven decades.

Vitra produces the Eames Fiberglass Chairs and the Eames Plastic Chairs in colours that highlight the special properties of both materials and make it easy to mix and match – and combine with different upholstery versions.



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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 the Century
8 Eames Plastic Chair

27 Eames Fiberglass Chair
41 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 and 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 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. 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.

Palette for the Eames Fiberglass Side Chairs

The Fiberglass Chairs come in nine colours.



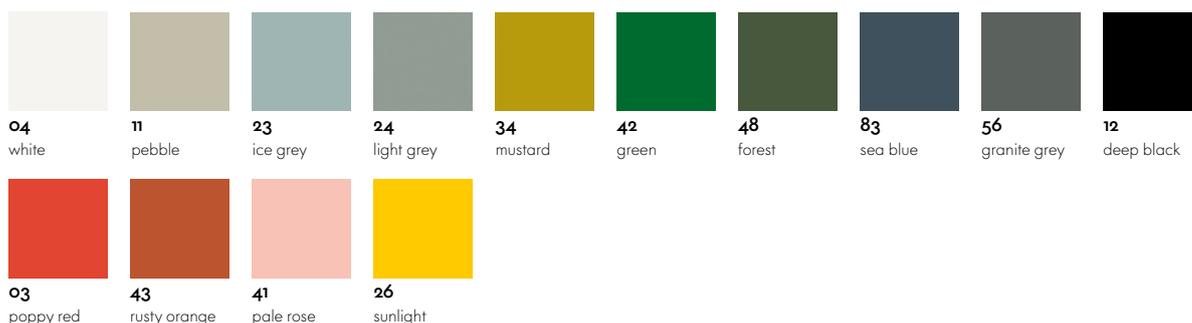
Palette for the Eames Fiberglass Armchairs

The Fiberglass Armchairs come in four colours.



Palette for the Eames Plastic Chairs

The Eames Plastic Side Chairs and Armchairs come in 14 colours.





Hopsak, the hard-wearing classic duotone fabric among the Vitra fabrics

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. Hopsak is available in 35 colours.

Hopsak fabric colour palette

Hopsak is available in 35 colours:

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 distinct hues.



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.

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



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8 Eames Plastic Armchair
9-15 Areas of use
16 Cover materials

17-20 Seat shells and upholstery easily coordinated
21-22 Authenticity

23-24 Dimensions
25-26 Colours and materials



Dining at home – or eating out

The Fiberglass Chairs are exceptionally robust and durable. This classic design is not only ideally suited for home dining rooms, but can also be used in upscale restaurants, canteens and cafeterias.

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-stackable 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 iconic RAR (Rocking Armchair Rod Base) and LAR (Lounge Height Armchair Rod Base) in fibreglass are compact but expressive lounge chairs.

- **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. Fibreglass Chairs available with seat cushion (screwed to the shell).

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

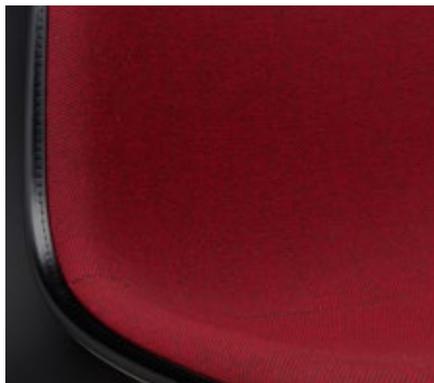
- **Table unit:** black solid core material (560 x 430 mm).
- **Base:** two-legged beam support in different lengths accommodates 2 to 5 chair shells or table units. T-beam: epoxy-coated in basic dark, polished aluminium legs. Fitted with plastic glides for carpet or anti-skid felt glides for hard floors.



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

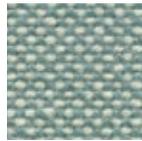
Vitra plastics are very robust, with excellent shape retention and colourfastness, making them resistant to a variety of chemicals and other substances. Furthermore, special additives retard the fading of colours due to UV radiation. However, the exposure of a chair to sunlight for prolonged periods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

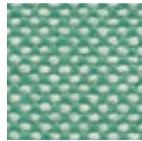
With a total of 14 shell colours, 35 upholstery shades and many different bases, the collection of Plastic Side Chairs and Plastic Armchairs offers around 100,000 possible combinations. This vast array of options makes it possible to colour-coordinate chairs to suit the specific interior.

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

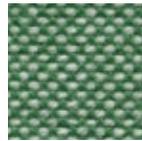
1. Duotones containing a light thread can be attractively paired with light-coloured shells and white welting.



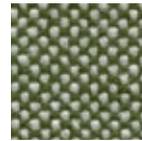
81
ice blue/ivory



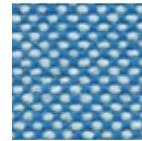
85
mint/ivory



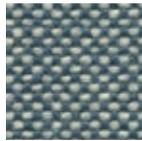
20
green/ivory



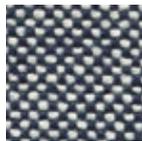
87
ivory/forest



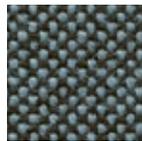
83
blue/ivory



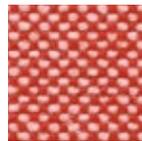
25
sea blue/ivory



74
dark blue/ivory



82
ice blue/moor brown



67
poppy red/ivory



88
cognac/ivory



18
mustard/ivory



16
yellow/ivory



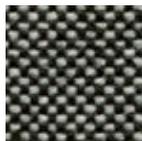
17
nude/ivory



79
warm grey/ivory



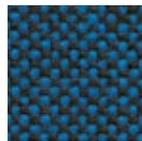
2. Duotones with a dark thread are very striking in combination with a dark shell and black welting.



23
nero/ivory



82
ice blue/moor brown



84
blue/moor brown



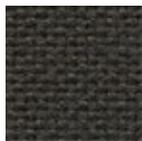
22
sea blue/dark grey



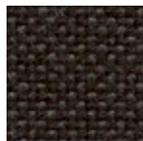
77
nero/forest



73
petrol/moor brown



05
dark grey



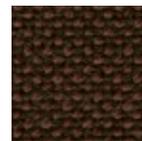
24
dark grey/nero



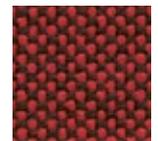
75
dark blue/moor brown



66
nero



76
marron/moor brown



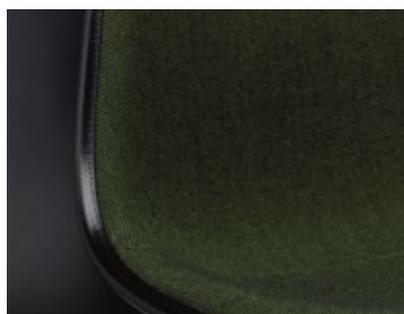
62
red/moor brown



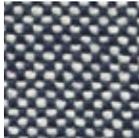
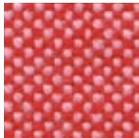
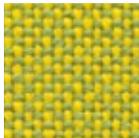
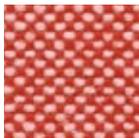
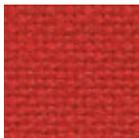
19
mustard/dark grey



80
warm grey/moor brown



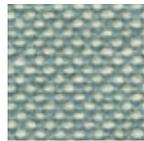
Each shell colour can be paired with the Hopsak palette to define individual combinations. The user can also pick up the colour of the shell in the fabric, or play with duotones and create accents.

						
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



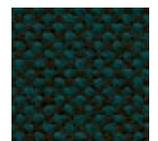
25
sea blue/ivory



82
ice blue/moor brown



22
sea blue/dark grey



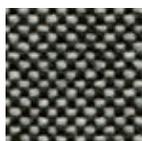
73
petrol/moor brown



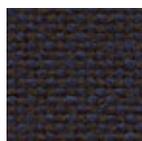
56
granite grey



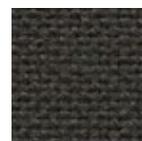
80
warm grey/moor brown



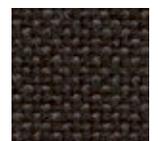
23
nero/ivory



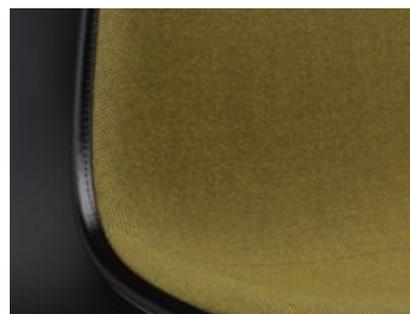
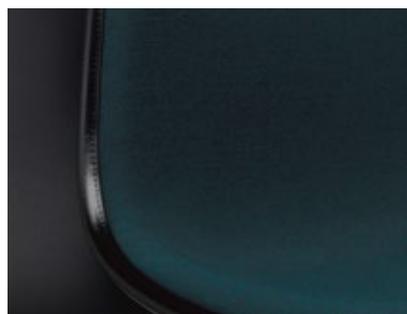
75
dark blue/moor brown



05
dark grey



24
dark grey/nero



When the pertinent legal and conceptual conditions are met, one can speak of a design original.

This term means that a design – independent of its production date – was fabricated by the authorised manufacturer in the true spirit of the designer. These factors guarantee its authenticity.

The status of an original is determined by the relationship between the designer (or rightful heirs) and the manufacturer of the designer's products. There is not only a legal component to this relationship, but also an immaterial one based on shared ideals and collaboration.

For any product to be designated as an 'original', the designer must have given the manufacturer the authorisation to produce it. Anyone who produces a design without legal permission is appropriating property that belongs to someone else. This applies not only to the manufacturer, but also to the consumer who buys an unlicensed product.

Equally important is the creative connection between the designer and manufacturer. It is evident in their close cooperation at every step of the production process. Because the plagiarist does not have this relationship, there is always uncertainty about the degree to which the copy deviates from the original idea, whether for reasons of ignorance, carelessness or cost reduction.

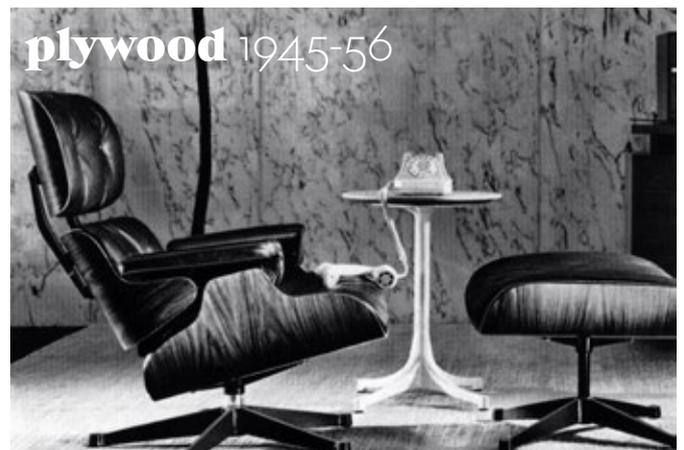
Rolf Fehlbaum



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.

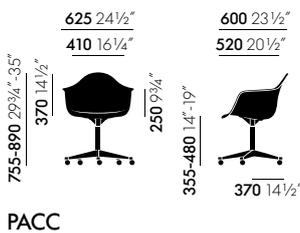
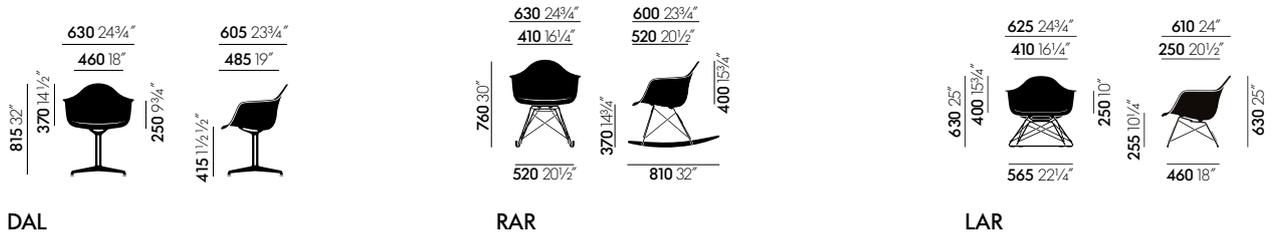
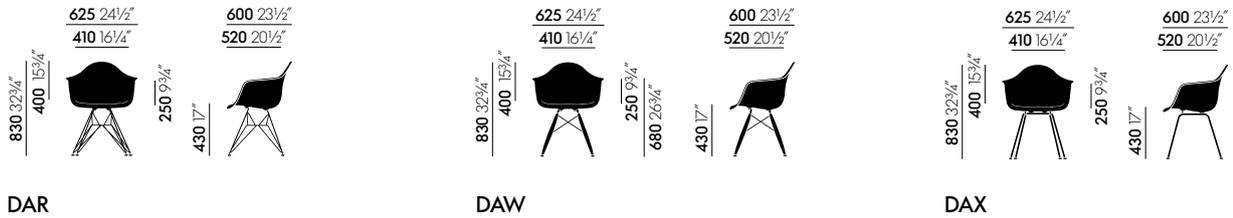
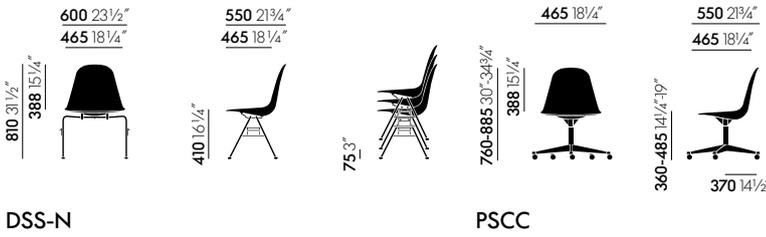
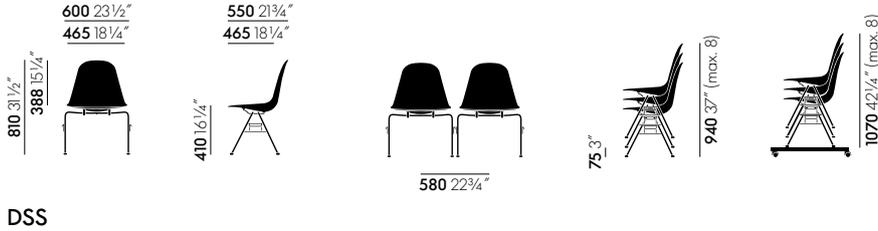


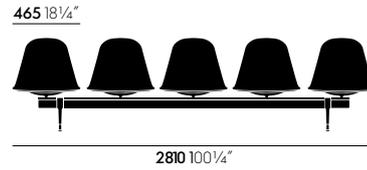
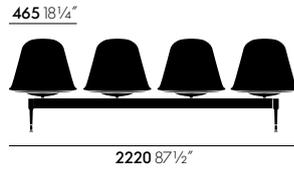
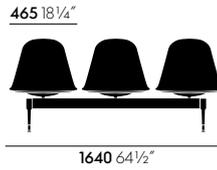
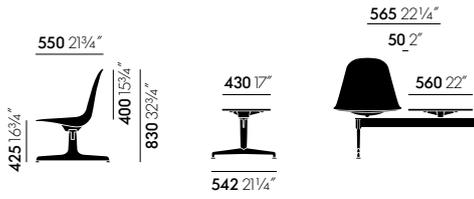
Eames Demetrios



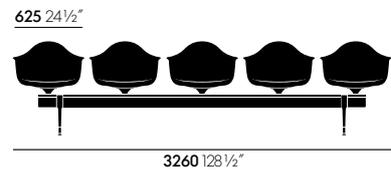
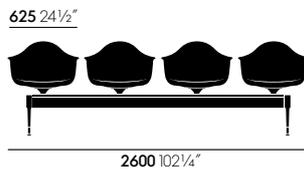
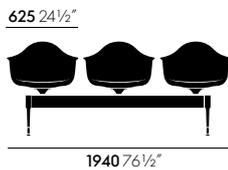
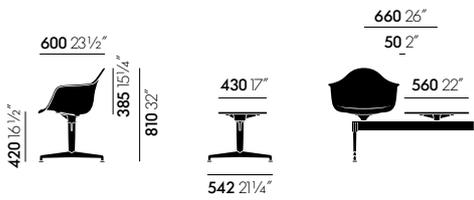
aluminium 1958-69

DIMENSIONS (in accordance with EN 1335-1:2000)



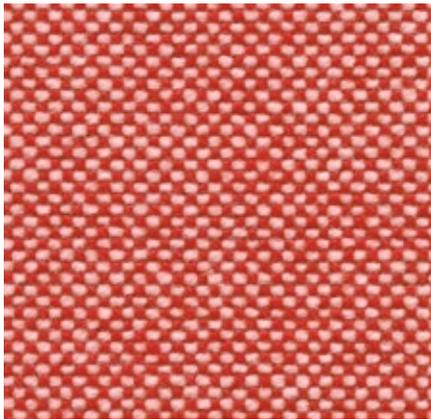


Eames Plastic Side Chair on beam



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

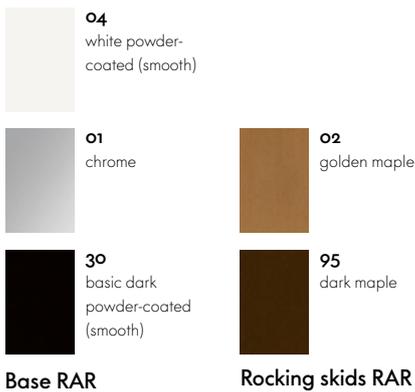
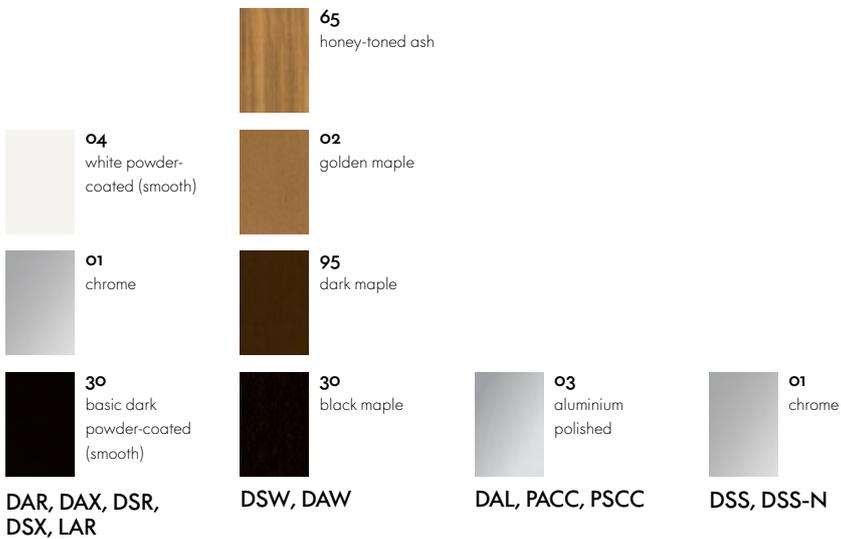


Seat shell



Edge

BASES



Eames Fiberglass Chairs

Charles & Ray Eames, 1950



Eames Fiberglass 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 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 decades, the Fiberglass Chairs became one of the best known furniture designs of the twentieth century.

Vitra manufactures the Fiberglass Side Chairs and Armchairs by Charles and Ray Eames in several 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. For enhanced comfort, Eames Fiberglass Chairs are also available with an optional seat cushion.

The Eames Fiberglass Chairs are available alongside the Eames Plastic Chairs with polypropylene shells. 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.



Dining at home – or eating out

The Fiberglass Chairs are exceptionally robust and durable. This classic design is not only ideally suited for home dining rooms, but can also be used in upscale restaurants, canteens and cafeterias.

- **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. Fiberglass Chairs available with seat cushion (screwed to the shell).

Materials DAW

- **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. (DAW = Dining Height Armchair)

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)

Materials DAR

- **Base:** non-stacking four-legged wire base with cross struts. (DAR = Dining Height Armchair Rod Base)

Materials DSR

- **Base:** non-stacking four-legged wire base with cross struts. (DSR = Dining Height Side Chair Rod Base)

Materials DAX

- **Base:** non-stacking four-legged tubular steel base. (DAX = Dining Height Armchair X-Base)

Materials DSX

- **Base:** non-stacking four-legged tubular steel base. (DSX = Dining Height Side Chair X-Base)



DAW



DSW



DAR



DSW



DSX



DSW



Living

The iconic RAR (Rocking Armchair Rod Base) and LAR (Lounge Height Armchair Rod Base) in fibreglass are compact but expressive lounge chairs.

- **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. Fibreglass Chairs available with seat cushion (screwed to the shell).

- **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.

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



LAR



LAR



LAR



RAR



RAR



RAR

Eames Fiberglass Chair with seat cushion

vitra.



Seat cushions

The Eames Fiberglass Chairs are newly offered with an optional seat cushion, which is securely attached to the shell with screws. The cushions can be covered in Checker fabric or in the many different colours of Hopsak.





Suggested colour combinations

Countless colour combinations are available for the Eames Fiberglass Chair, with shells and seat cushions offered in a wide array of hues. Below are some suggestions for colours that harmonise particularly well with one other.

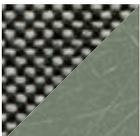


Combinations with Eames Sea Foam Green

For seat shell: Side Chair and Armchair.

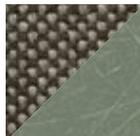


23
nero/ivory



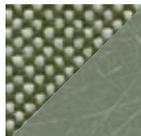
01
chrome

80
warm grey/moor brown



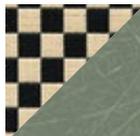
65
honey-toned ash

87
ivory/forest



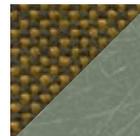
02
golden maple

Checker
black/white



04
white powder-coated (smooth)

19
mustard/dark grey



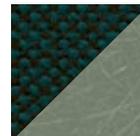
30
basic dark powder-coated (smooth)

24
dark grey/nero



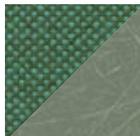
30
basic dark powder-coated (smooth)

73
petrol/moor brown

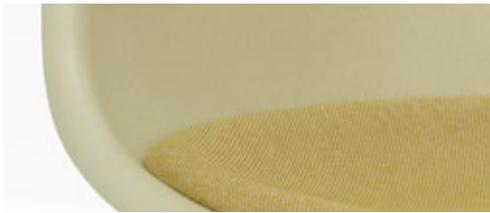


02
golden maple

86
mint/forest



30
basic dark powder-coated (smooth)



Combinations with
Eames Parchment

For seat shells: Side Chair und Armchair.



79
warm grey/ivory



18
mustard/ivory



87
ivory/forest



16
yellow/ivory



77
nero/forest



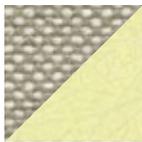
73
petrol/moor brown



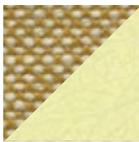
19
mustard/dark grey



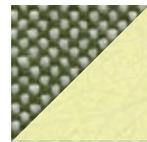
80
warm grey/moor brown



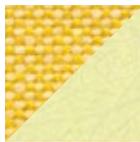
04
white powder-coated (smooth)



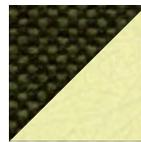
04
white powder-coated (smooth)



65
honey-toned ash



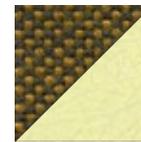
65
honey-toned ash



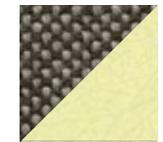
30
basic dark powder-coated (smooth)



30
basic dark powder-coated (smooth)



30
black maple



30
basic dark powder-coated (smooth)



Combinations with
Eames Raw Umber

For seat shells: Side Chair und Armchair.



23
nero/ivory



Checker
black/white



79
warm grey/ivory



69
grass green/ivory



19
mustard/dark grey



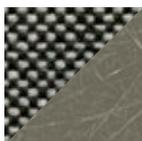
77
nero/forest



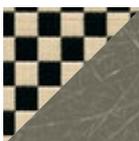
24
dark grey/nero



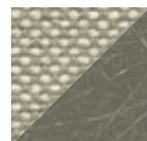
80
warm grey/moor brown



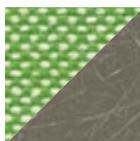
01
chrome



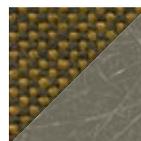
04
white powder-coated (smooth)



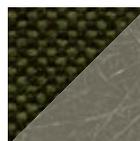
95
dark maple



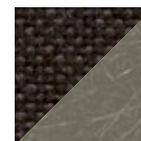
65
honey-toned ash



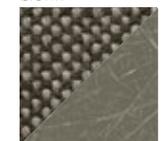
95
dark maple



30
black maple



30
basic dark powder-coated (smooth)



95
dark maple

SEAT CUSHIONS



Combinations with
Eames Elephant Hide Grey

For seat shells: Side Chair und Armchair.



25
sea blue/ivory



18
mustard/ivory



88
cognac/ivory



23
nero/ivory



82
ice blue/moor brown



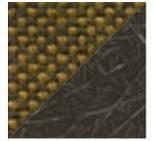
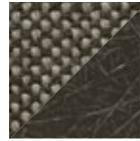
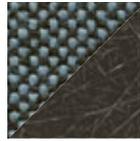
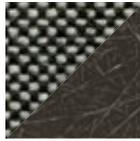
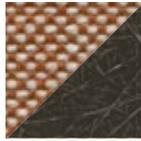
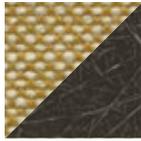
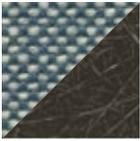
24
dark grey/nero



80
warm grey/moor brown



19
mustard/dark grey



04
white powder-coated (smooth)



04
white powder-coated (smooth)



65
honey-toned ash



01
chrome



30
basic dark powder-coated (smooth)



30
basic dark powder-coated (smooth)



30
black maple



95
dark maple



Combinations with
Eames Classic Red

For seat shell: Side Chair



23
nero/ivory



67
poppy red/ivory



17
nude/ivory



Checker
black/white



76
marron/moor brown



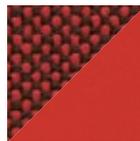
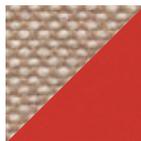
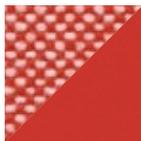
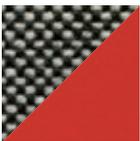
62
red/moor brown



63
red/poppy red



65
coral/poppy red



01
chrome



04
white powder-coated (smooth)



65
honey-toned ash



01
chrome



95
dark maple



30
basic dark powder-coated (smooth)



30
basic dark powder-coated (smooth)



30
black maple



Combinations with
Eames Red Orange
For seat shell: Side Chair



23
nero/ivory



88
cognac/ivory



79
warm grey/ivory



65
coral/poppy red



Checker
black/white



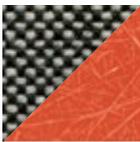
62
red/moor brown



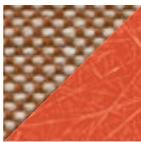
24
dark grey/nero



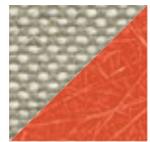
76
marron/moor brown



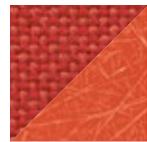
01
chrome



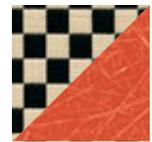
65
honey-toned ash



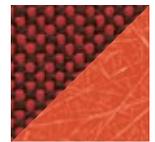
04
white powder-coated
(smooth)



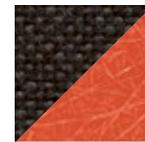
65
honey-toned ash



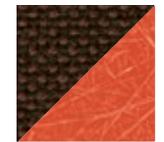
30
black maple



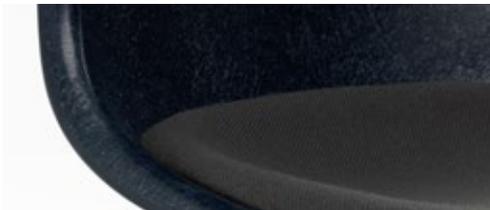
30
basic dark powder-coated
(smooth)



30
basic dark powder-coated
(smooth)



95
dark maple



Combinations with
Eames Navy Blue
For seat shell: Side Chair



74
dark blue/ivory



83
blue/ivory



85
mint/ivory



Checker
black/white



05
dark grey



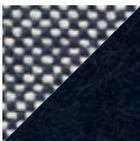
82
ice blue/moor brown



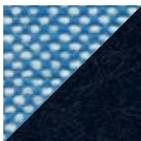
84
blue/moor brown



73
petrol/moor brown



01
chrome



65
honey-toned ash



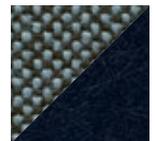
01
chrome



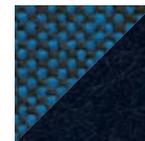
04
white powder-coated
(smooth)



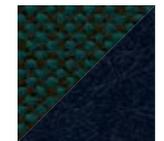
30
basic dark powder-coated
(smooth)



30
basic dark powder-coated
(smooth)



30
black maple



30
basic dark powder-coated
(smooth)

SEAT CUSHIONS



Combinations with
Eames Ochre Light
For seat shell: Side Chair



79
warm grey/ivory



18
mustard/ivory



87
ivory/forest



Checker
black/white



19
mustard/dark grey



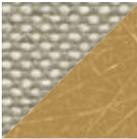
24
dark grey/nero



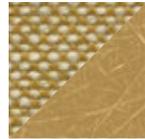
82
ice blue/moor brown



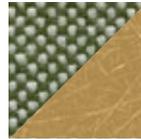
62
red/moor brown



04
white powder-coated
(smooth)



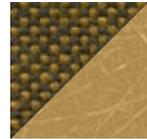
04
white powder-coated
(smooth)



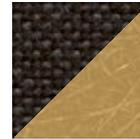
65
honey-toned ash



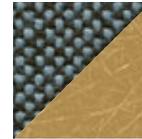
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honey-toned ash



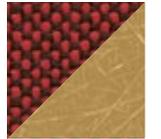
95
dark maple



30
black maple



30
basic dark powder-coated
(smooth)



30
basic dark powder-coated
(smooth)



Combinations with
Eames Ochre Dark
For seat shell: Side Chair



18
mustard/ivory



17
nude/ivory



88
cognac/ivory



23
nero/ivory



19
mustard/dark grey



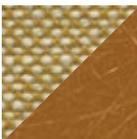
76
marron/moor brown



05
dark grey



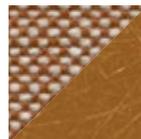
24
dark grey/nero



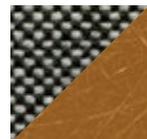
65
honey-toned ash



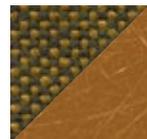
04
white powder-coated
(smooth)



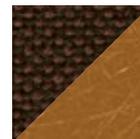
65
honey-toned ash



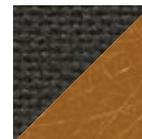
01
chrome



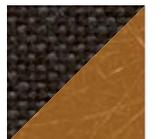
30
black maple



95
dark maple



30
basic dark powder-coated
(smooth)



30
basic dark powder-coated
(smooth)

When the pertinent legal and conceptual conditions are met, one can speak of a design original.

This term means that a design – independent of its production date – was fabricated by the authorised manufacturer in the true spirit of the designer. These factors guarantee its authenticity.

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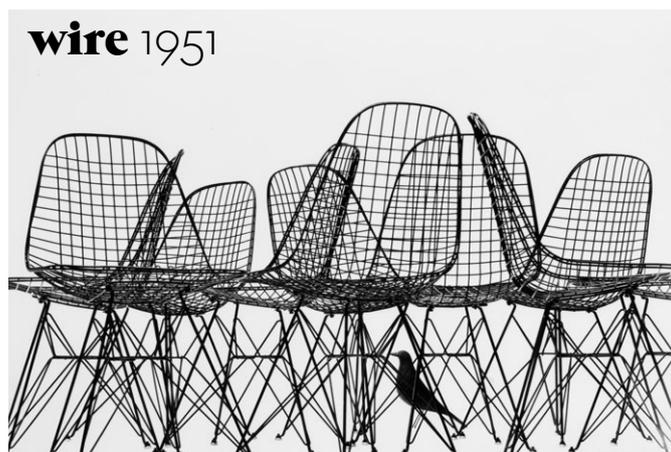
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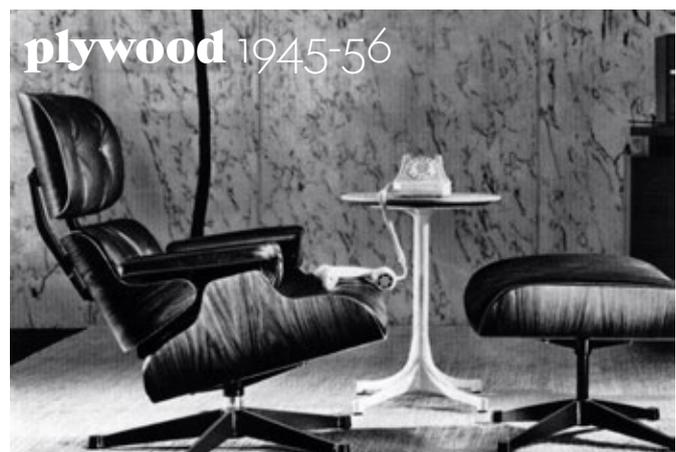
Rolf Fehlbaum



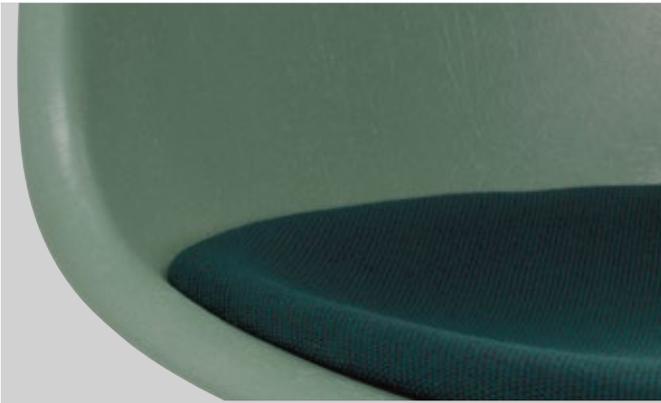
plastic 1948-61



wire 1951



plywood 1945-56



Authenticity

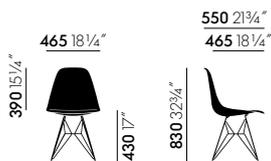
In close cooperation with the Eames Office, which represents Charles & Ray Eames' family, Vitra guarantees that each Eames Fiberglass Chair gives the exact design experience of comfort, aesthetics and quality that Charles & Ray Eames intended for the user – a feeling that only the original can offer.



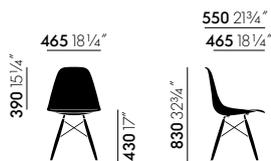
Eames Demetrios



fiberglass 1948-61



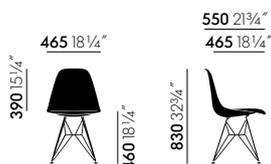
Eames Fiberglass Side Chair DSR



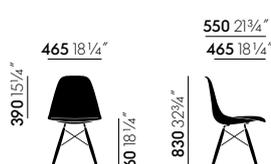
Eames Fiberglass Side Chair DSW



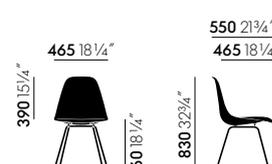
Eames Fiberglass Side Chair DSX



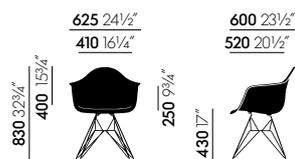
Eames Fiberglass Side Chair DSR with seat cushion



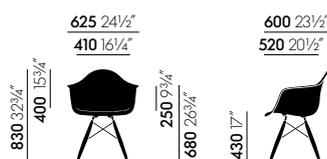
Eames Fiberglass Side Chair DSW with seat cushion



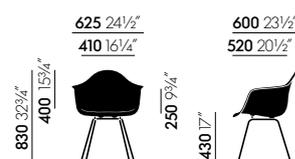
Eames Fiberglass Side Chair DSX with seat cushion



Eames Fiberglass Armchair DAR



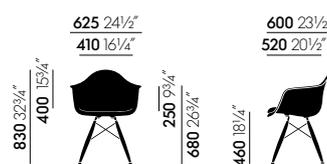
Eames Fiberglass Armchair DAW



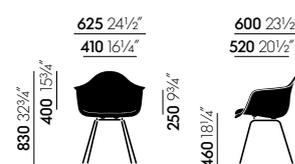
Eames Fiberglass Armchair DAX



Eames Fiberglass Armchair DAR with seat cushion



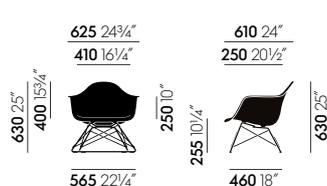
Eames Fiberglass Armchair DAW with seat cushion



Eames Fiberglass Armchair DAX with seat cushion



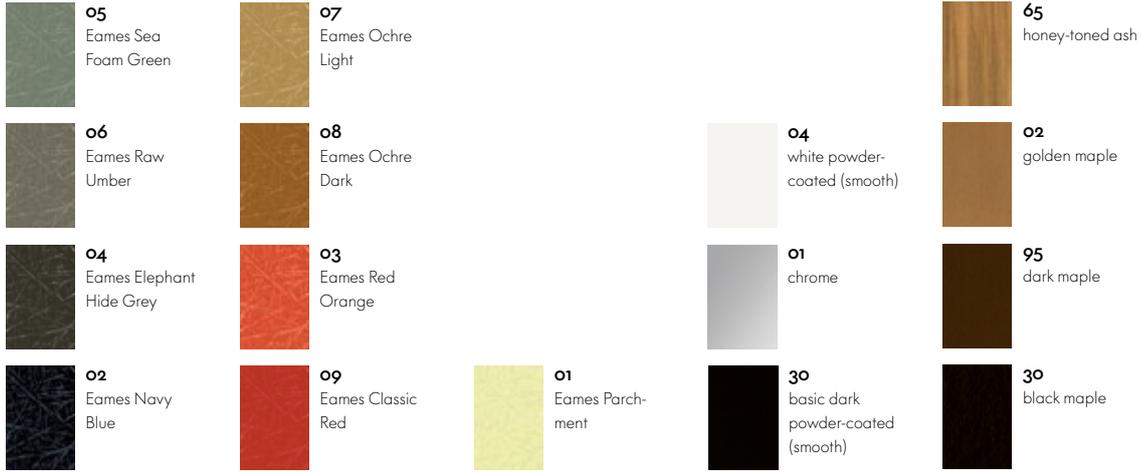
Eames Fiberglass Armchair RAR



Eames Fiberglass Armchair LAR

COLOURS AND MATERIALS

Eames Fiberglass Side Chair

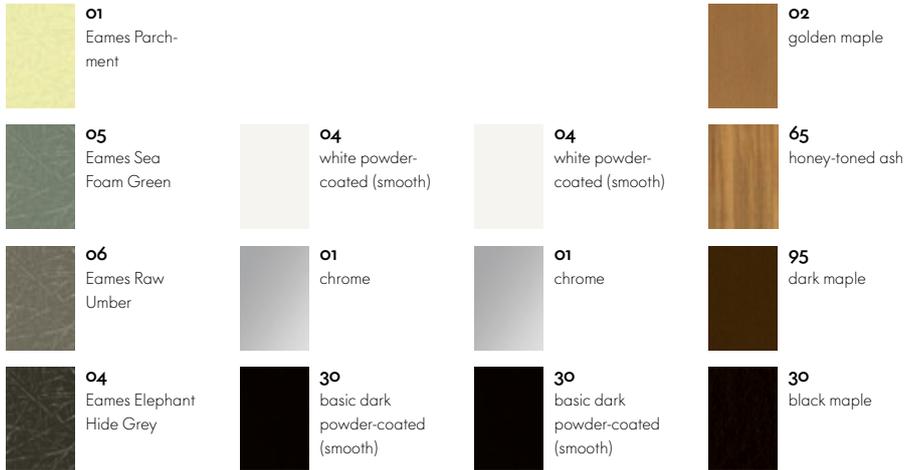


Seat shell (Eames Fiberglass Side Chair)

Base DSR, DSX

Base DSW

Eames Fiberglass Armchair



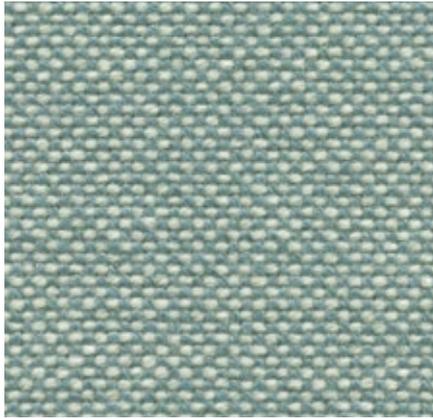
Seat shell (Eames Fiberglass Armchair)

Base DAR, DAX, LAR

Base RAR

Base DAW

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

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



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, pairing transparent lightness with technological sophistication. The wire shell can be joined with a variety of different bases and is offered 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 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.

41	Wire Chair	44	Seat upholstery	48-52	Cover materials, surfaces and colours
42	Dining and restaurants	45	Outdoor	53	Dimensions
43	Public Space	46-47	Authenticity		



Dining

The seat height of the Wire Chair has been adapted to today's requirements, making it ideally suited for use around contemporary dining tables. Thanks to a multitude of possible configurations – with bases in wood or metal finished in chrome or powder coating, and cushions in a wide range of colour options – the perfect Wire Chair can be found for every setting.

Restaurants

Due to the robust quality of the Wire Chair in all its different versions, it not only provides ideal seating options for the home, but also for restaurants, canteens and cafeterias.

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 spaces

Thanks to the strong, robust quality of the Wire Chair, which is constructed from premium spot-welded steel wire, it is suited for a wide range of applications in public spaces. This is demonstrated in many existing projects, such as the Wire Chair beam seating in the bus shelter on the Vitra Campus in Weil am Rhein.

Conference and meeting rooms

The iconic Wire Chairs provide an ideal solution for conference venues, meeting areas, media rooms and other spaces in which a unique aesthetic atmosphere is desired.

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 Chair can be optionally fitted with a seat cushion or with a combined seat-and-back cushion – also known as the ‘Bikini’ due to its shape.

The cover material of the Bikini pad is available in fabric or leather. The cushions are stretched over the edge of the frame and held snugly in place with an elastic band and simple hook attachments; a button on the back provides an elegant closure.

The shape of the seat cushion is adapted to the geometry of the chair’s shell. Its moulded wood core is padded and covered with fabric or leather.

Covers are available in Hopsak fabric or leather. Hopsak comes in 35 colours; leather is offered in 30 different colours. Plano fabric is used for the reverse side of leather cushions.

A world of colours

In collaboration with Dutch designer Hella Jongerius, Vitra has developed a broad palette of hues for its upholstery materials, allowing countless possible colour combinations.

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.



DKW 5



DKX 5



DKX 2



DKR 2



DKW 2



Outdoor

The DKR and DKX models of the Wire Chair in a powder-coated finish, without cushions, are suited for use in outdoor areas and wet zones. Powder-coated versions are available in the colours black or cream. With its light and airy form, the Wire Chair adds an understated yet distinctive accent to naturalistic gardens as well as modern terraces.

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

When the pertinent legal and conceptual conditions are met, one can speak of a design original.

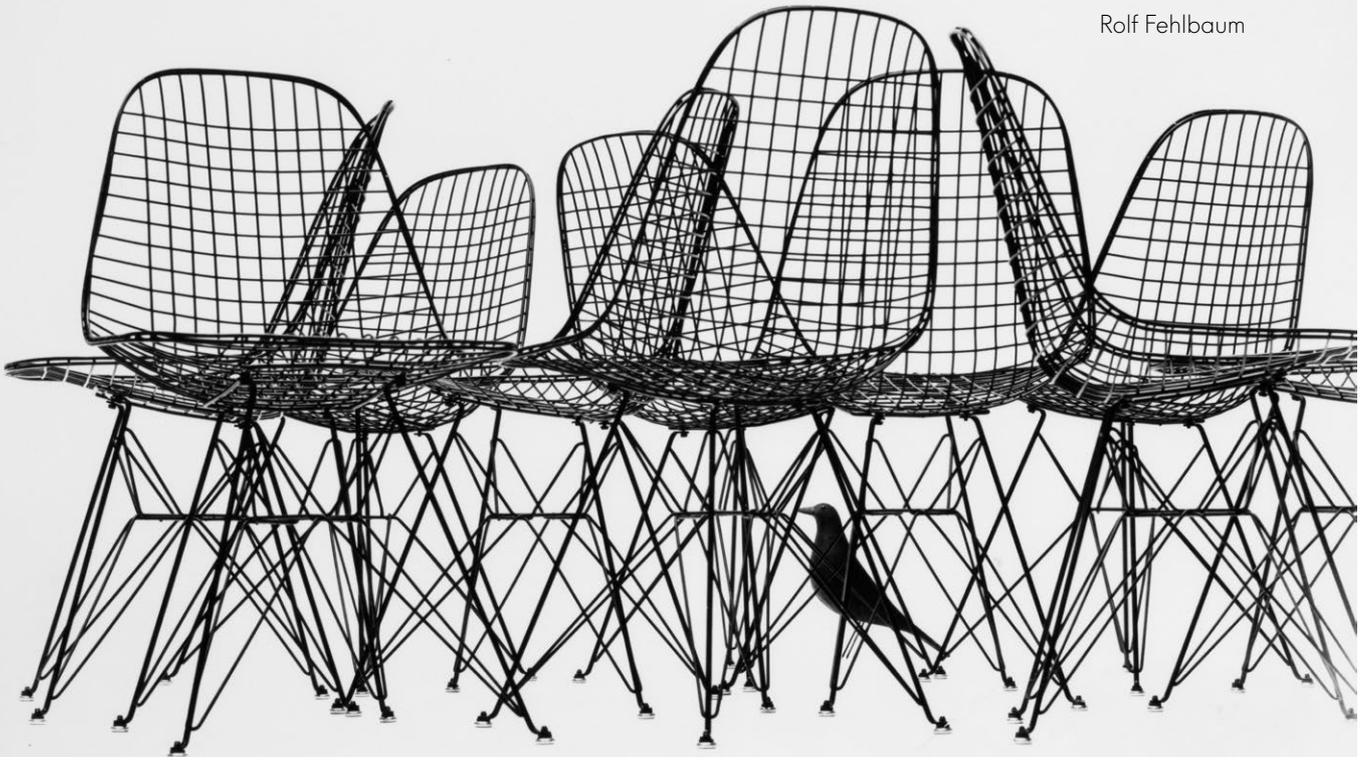
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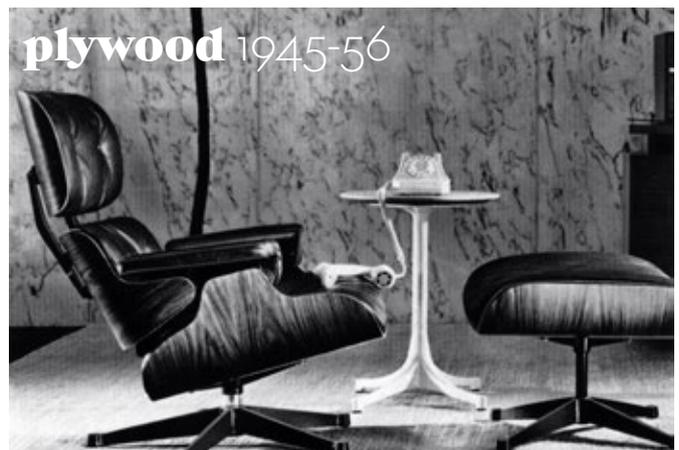
Rolf Fehlbaum



wire 1951



plastic 1948-61



plywood 1945-56



Authenticity

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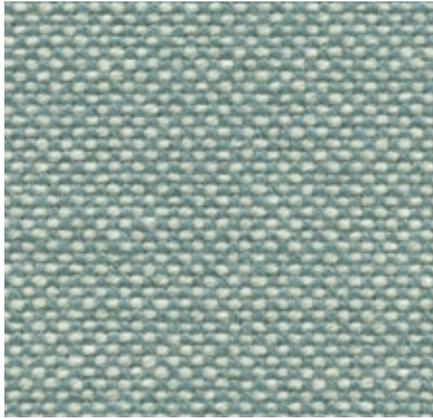


Eames Demetrios



aluminium 1958-69

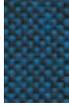
Hopsak Home/Office, F6o



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/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

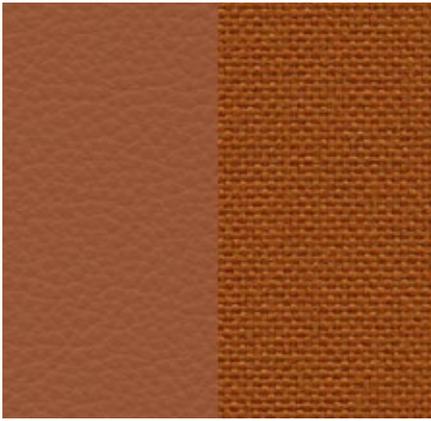


The soft double weave fabric, with a high percentage of cotton, demonstrates exceptional purity of colour and its geometric pattern lends a striking note to any environment.

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



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

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



72/88
snow/white



59/40
jade/coconut/forest



66/66
nero/nero



69/54
marron/brown



74/80
olive/coffee



64/05
cement/cream white/sierra grey



58/40
khaki/coconut/forest



77/54
brown/brown



93/11
brandy/marron/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



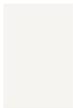
71/80
sand/coffee

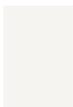
Leather Premium/back panel Leather Premium



72
snow

SURFACES AND COLOURS

	01 chrome		04 white powder-coated (smooth)
Seat and base (Wire Chair DKR)		Seat and base (Wire Chair DKR Outdoor)	

	01 chrome		04 white powder-coated (smooth)
Seat and base (Wire Chair DKX)		Seat and base (Wire Chair DKX Outdoor)	

	02 golden maple		30 basic dark powder-coated (smooth)
	95 dark maple		30 black maple
Seat (Wire Chair DKW)		Base (DKW)	

