

HAL

Jasper Morrison, 2010/2014



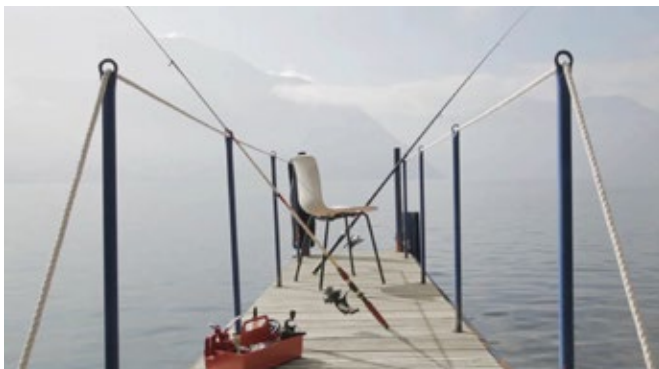
HAL is Jasper Morrison's interpretation of a shell chair in the tradition of the Plastic Chair by Charles and Ray Eames, whose variety of different bases enables versatile use – from dining tables to meeting rooms, from bars to auditoriums. HAL RE is a further development of this design with a seat shell made of recycled plastic.

Due to the composition of the recycled material, the different colors are interspersed with tiny specks of pigment. The color white cannot be implemented in the new material at the moment and will follow as soon as technically feasible. The HAL RE seat shell can also be 100% recycled at the end of the product's life.

The many different chair bases can be combined either with a seat shell in plastic (HAL and HAL RE) or plywood (HAL Ply), or with a lightly padded shell covered in fabric (HAL Soft).

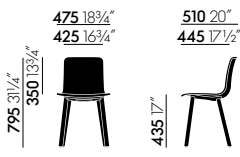
The related HAL Armchair rounds out the HAL family.

The recycling material for HAL RE stems from Germany's 'Yellow Bag' (Gelber Sack) collection of household waste, which primarily consists of used packaging. Utilizing this recycled material instead of conventional plastic generates fewer climate-damaging emissions and also significantly reduces energy consumption.



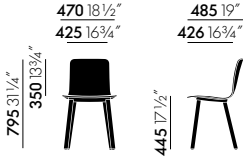
In the version with a four-legged base and a powder-coated finish in ivory or basic dark, HAL Tube is weatherproof and therefore also suitable for use on balconies or in gardens. Special additives retard the fading of the seat shell colours from the sun's rays.

HAL RE Wood



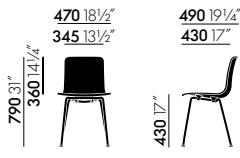
- **Seat shell:** recycled, dyed-through polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** non-stackable wooden base in natural or dark oak. Connecting element between shell and base in die-cast aluminum, powder-coated in dim gray.
- **Origin of wood:** oak (*Quercus robur*) from Western Europe and/or Poland.

HAL Ply Wood



- **Seat shell:** plywood
- **Base:** non-stackable wooden base in natural or dark oak. Connecting element between shell and base in die-cast aluminum, powder-coated in dim gray.
- **Origin of wood:** oak (*Quercus robur*) from Western Europe and/or Poland.

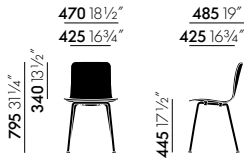
HAL RE Tube



- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** four-legged base in tubular steel, non-stackable, chrome-plated or powder-coated in ivory or basic dark.

 **Outdoor use:** unupholstered version with powder-coated base suitable for utilization outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

HAL Ply Tube



- **Seat shell:** plywood (USA).
- **Base:** four-legged base in tubular steel, non-stackable, chrome-plated or powder-coated in ivory or basic dark.

HAL RE Tube Stackable



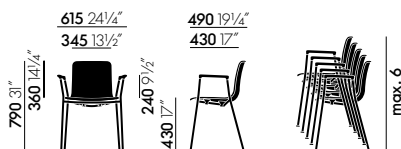
- **Seat shell:** dyed-through, recycled polypropylene.
 - **Base:** stackable four-legged base made of tubular steel, chrome-plated or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor, up to 15 chairs on a stacking trolley.
 - **Note:** as stacking can cause scratches, we recommend the chrome version for this purpose.
-  **Outdoor applications:** unupholstered version with powder-coated base suitable for use in outdoor conditions on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

HAL Ply Tube Stackable



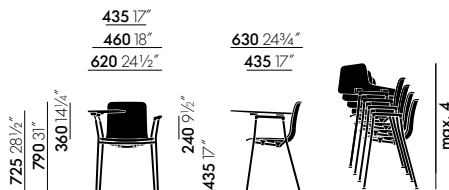
- **Seat shell:** plywood (USA).
- **Base:** stackable four-legged base made of tubular steel, chrome-plated or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor, up to 11 chairs on a stacking trolley.
- **Note:** as stacking can cause scratches, we recommend the chrome version for this purpose.

HAL RE Tube Armrest



- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** four-legged tubular steel base, chrome-plated finish. Up to 6 chairs can be stacked on the floor or on a stacking trolley. Armrest color matched to seat shell.

HAL RE Tube Writing Tablet



- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** four-legged base in tubular steel, with a foldable tablet desk in black, always mounted on the right (from a seated position). Up to 4 chairs can be stacked on the floor or on a stacking trolley.

HAL RE Sled



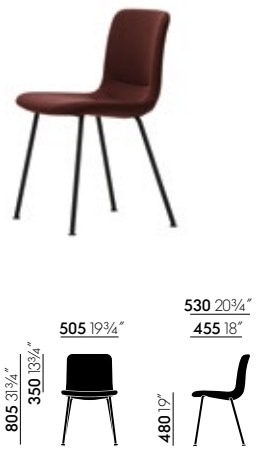
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** sledge base in chrome-plated tubular steel. Up to 6 chairs can be stacked on the floor, up to 13 chairs on a stacking trolley. Also available with row connectors.

HAL RE Cantilever



- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** cantilever base in chrome-plated tubular steel, non-stackable.

HAL Soft Tube



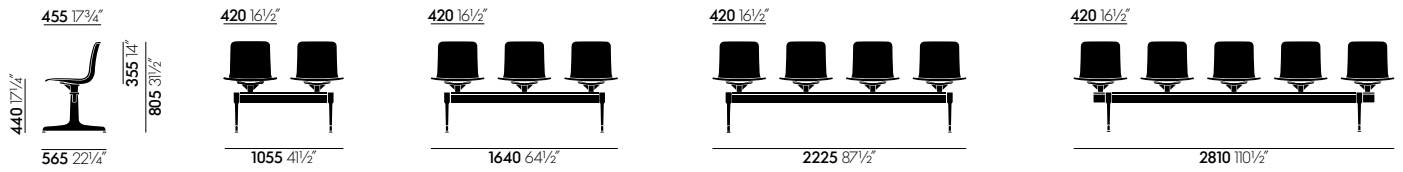
- **Seat shell:** glass-fiber reinforced polyamide. Polyurethane foam padding, replaceable fabric cover (to be carried out by Vitra Service only).
- **Base:** four-legged tubular steel base, chrome-plated finish or powder-coated in basic dark.

HAL Soft Tube Stackable



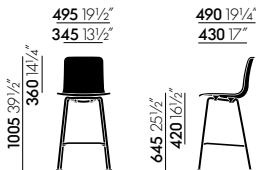
- **Seat shell:** glass-fiber reinforced polyamide. Polyurethane foam padding, replaceable fabric cover (to be carried out by Vitra Service only).
- **Base:** stackable four-legged tubular steel base, chrome-plated finish or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor.

HAL Beam Seating



- **Seat shell:** dyed-through recycled polypropylene or plywood.
- **Table unit:** black solid core material 22 x 17" (560 x 430 mm).
- **Base:** two-legged beam support in different lengths accommodates 2 to 5 chair shells or table units. T-beam with powder-coated finish, aluminum legs. Equipped with plastic glides for carpet or non-slip glides for hard floors.

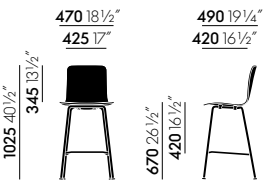
HAL RE Stool Medium



- **Seat shell:** dyed-through, recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** tubular steel, chrome-plated or powder-coated in basic dark, non-stackable.

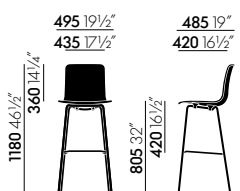
 **Outdoor applications:** unupholstered version with powder-coated base suitable for use in outdoor conditions on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

HAL Ply Stool Medium



- **Seat shell:** plywood (USA).
- **Base:** tubular steel, chrome-plated or powder-coated in basic dark, non-stackable.

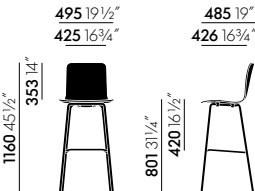
HAL RE Stool High



- **Seat shell:** dyed-through, recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** tubular steel, chrome-plated or powder-coated in basic dark, footrest with anti-skid surface, non-stackable.

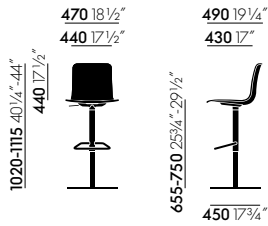
 **Outdoor applications:** unupholstered version with powder-coated base suitable for use in outdoor conditions on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

HAL Ply Stool High



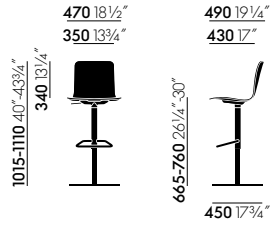
- **Seat shell:** plywood (USA).
- **Base:** tubular steel, chrome-plated or powder-coated in basic dark, footrest with anti-skid surface, non-stackable.

HAL RE Barstool



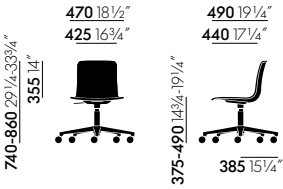
- **Seat shell:** dyed-through recycled polypropylene, swivel mechanism, with optional seat cushion (screwed to the seat shell).
- **Base:** height-adjustable tubular steel pedestal, gas spring powder-coated in basic dark, column sleeve and footrest in chrome-plated tubular steel with anti-skid surface. Seat shell and base connection in die-cast aluminum, powder-coated in dim gray. Steel base plate with brushed stainless steel cover (matt); felt bottom.

HAL Ply Barstool



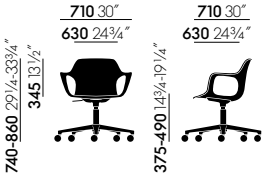
- **Seat shell:** plywood; swivel mount (USA).
- **Base:** height-adjustable tubular steel pedestal, gas spring powder-coated in basic dark, column sleeve and footrest in chrome-plated tubular steel with anti-skid surface. Connecting element between shell and base in die-cast aluminum, powder-coated in dim gray. Steel base plate with brushed stainless steel cover (matt); felt bottom.

HAL RE Studio



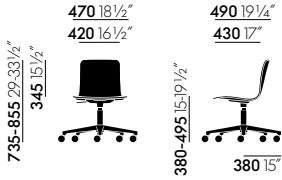
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** five-star base in die-cast aluminum powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

HAL RE Armchair Studio



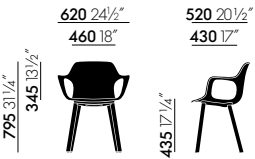
- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** five-star base in die-cast aluminum powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

HAL Ply Studio



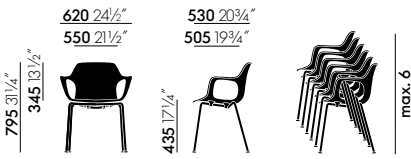
- **Seat shell:** plywood (USA).
- **Base:** five-star base in die-cast aluminum powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

HAL RE Armchair Wood



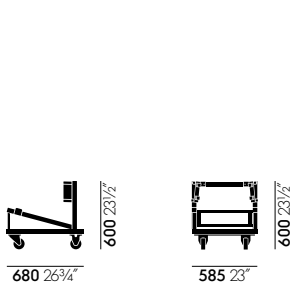
- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** non-stackable wooden base in natural or dark oak. Connecting element between shell and base in die-cast aluminum, powder-coated in dim gray.
- **Origin of wood:** oak (*Quercus robur*) from Western Europe and/or Poland.

HAL RE Armchair Tube Stackable

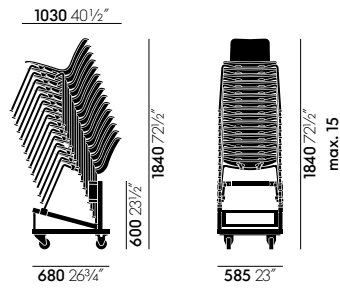


- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** stackable four-legged tubular steel base, chrome-plated finish or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor or on a stacking trolley. Chairs with seat cushions should not be stacked, since stacking could damage the upholstery.
- **Note:** as stacking can cause scratches, we recommend the chrome version for this purpose.
- **Outdoor applications:** unupholstered version with powder-coated base suitable for use in outdoor conditions on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

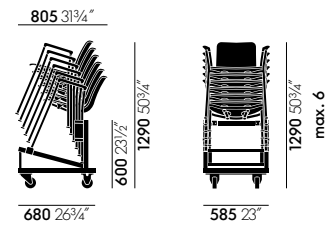
HAL additional elements



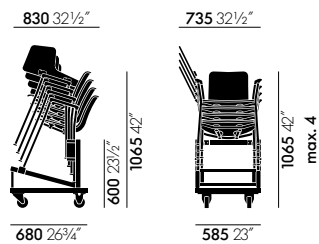
HAL Stacking dolly, suitable for all stackable HAL chair models



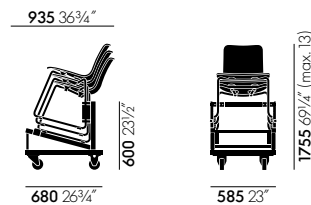
HAL RE Tube Stackable, four-legged tubular steel base, stackable



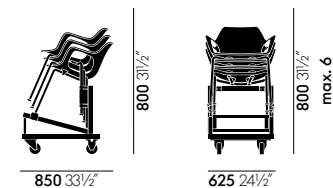
HAL RE Tube Armrest, four-legged tubular steel base, stackable



HAL RE Tube Writing Tablet, tubular steel base, stacking



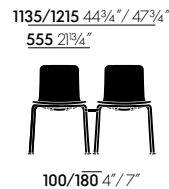
HAL RE Sled, sled tubular steel base, stacking, with row connectors



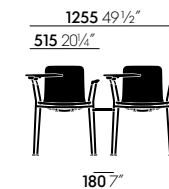
HAL RE Armchair Tube Stackable, four-legged tubular steel base, stackable



HAL RE Armchair with linking connectors



HAL RE Tube Stackable with linking connectors



HAL RE Tube Writing Tablet with linking connectors

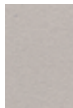
The HAL row connector is a linking element in two sizes: 100 mm for a smaller and 180 mm for a larger distance between the chairs. The number clips of the linking elements for the .03 also match the new HAL linking element.

For the following HAL chairs, the linking elements can be used in both sizes:

- HAL RE Tube Stackable
- HAL Ply Tube Stackable
- HAL RE Tube Armrest

For the following HAL chairs, only the linking element of 180 mm can be used:

- HAL RE Armchair Tube Stackable
- HAL RE Tube Writing Tablet



31
warm grey RE



14
ivy RE



85
cotton white RE



35
basalt RE



86
cardboard RE



10
natural oak, with protective varnish



23
ice grey RE



12
deep black RE



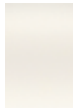
29
brick RE



04
dark oak, with protective varnish

Seat shell HAL RE

Seat shell HAL Ply



49
ivory powder-coated (textured)



01
chrome



30
basic dark powder-coated (textured)



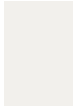
10
natural oak, with protective varnish



04
dark stained solid oak, with protective varnish



30
basic dark powder-coated (smooth)



04
white



12
deep black

Base

Wooden base

Five-star base

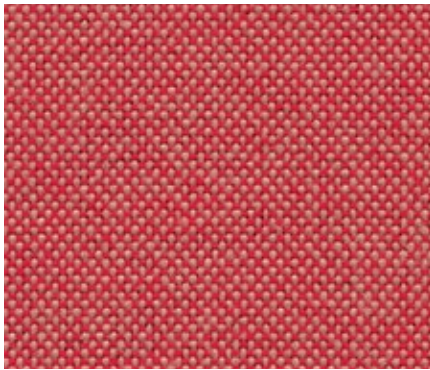
Colours (Glides)



HAL seat cover

The fabric covers for the seat shells of HAL and HAL Ply offer enhanced comfort. They come in Plano fabric in 6 predefined colours. Additional hues in the Plano collection can be selected for orders of 6 or more seat covers. Two flaps on the back of the cover fit over the top of the backrest and the front of the seat for easy attachment and removal.

Plano Heavy use, F30



Plano is a robust plain weave with a flat, even texture. The wide palette of duotones with new, delicate washed-out shades includes many relatively neutral hues, a good number of which are coordinated with the Hopsak color range. Thanks to its durability and longevity, Plano is also an ideal choice for office furnishings.

Plano is available in 39 colors.

Material	100% polyester
Weight	265 g/m ² (7.8 oz/y ²)
Width	142 cm +/- 2 cm (56")
Abrasion resistance	80,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

Seat cover, Plano

05 cream white/ sierra grey	12 light grey/ice blue	84 poppy red/ champagne	07 orange	69 dark grey	54 brown
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Seat cover, Plano (for orders of 6 or more)

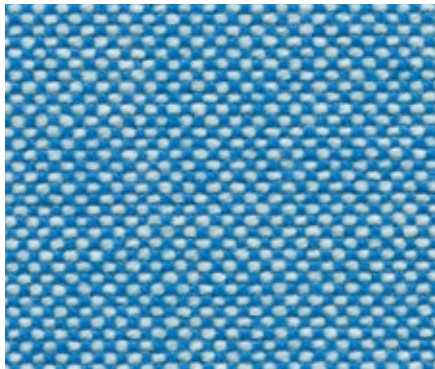
88 white	68 avocado	17 forest/sierra grey	12 light grey/ice blue	19 sierra grey	62 dark grey/nero
05 cream white/ sierra grey	34 grass green/ forest	40 coconut/forest	13 nero/ice blue	87 nero/cream white	73 nero/coconut
18 light grey/sierra grey	61 classic green/ cognac	52 mint/forest	81 blue/coconut	74 sierra grey/nero	66 nero
39 yellow/pastel green	41 classic green/ forest	43 petrol/nero	86 dark blue/brown	69 dark grey	54 brown
75 marron/nero	97 red/coconut	63 red/poppy red	80 coffee		
11 marron/cognac	72 poppy red	84 poppy red/ champagne	99 cognac/parch- ment		
67 cognac	07 orange	15 pink/sierra grey	20 tobacco/cream white		
98 dark red/nero	96 red/cognac	16 dark red/ice blue	03 parchment/ cream white		



HAL seat upholstery

Non-stacking versions of HAL with a plastic seat shell are available with a fixed seat cushion covered in Hopsak fabric for added seating comfort.

Hopsak Medium use, 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 colors.

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

Seat upholstery Hopsak

 71 yellow/pastel green	 85 mint/ivory	 81 ice blue/ivory	 74 dark blue/ivory	 78 nero/moor brown	 96 red/cognac
 69 grass green/ivory	 86 mint/forest	 82 ice blue/moor brown	 75 dark blue/moor brown	 76 marron/moor brown	 63 red/poppy red
 70 grass green/forest	 77 nero/forest	 83 blue/ivory	 05 dark grey	 80 warm grey/moor brown	 65 coral/poppy red
 87 ivory/forest	 73 petrol/moor brown	 84 blue/moor brown	 66 nero	 62 red/moor brown	 68 pink/poppy red
 67 poppy red/ivory					
 72 yellow/poppy red					
 88 cognac/ivory					
 79 warm grey/ivory					



HAL Soft upholstery

The padded upholstery of HAL Soft provides superb comfort, with rounded contours that soften the appearance of the characteristic HAL shell. The fabric cover is attached to the underside of the shell under a protective cover, and can be removed and replaced.

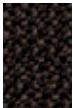
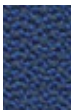
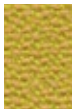
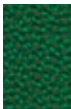
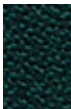
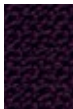
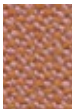
Credo Heavy use, F120



Credo is a durable woollen fabric made of premium worsted yarn with a pleasant feel. The two- and three-tone colours give this fabric a characteristic structure and vibrant appearance. Credo allows for an effective exchange of heat to ensure comfortable thermal conditions for the sitter. The fabric can also be used in office environments.

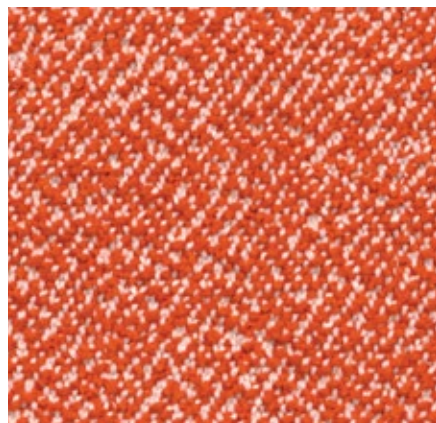
Credo is available in 22 colors.

Material	5% polyamide, 95% new wool
Weight	640 g/m ² (18.9 oz/y ²)
Width	145 cm +/- 2 cm (57")
Abrasion resistance	100,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

 11 cream/dolphin	 20 dolphin/steel blue	 06 anthracite/elephant	 05 chocolate/black	 16 red chilli	
 14 sand/avocado	 21 royal blue/elephant	 07 black/anthracite	 27 bitter chocolate	 15 saffron	
 19 lime/curry	 22 emerald/ivy	 08 dark blue/black	 24 mauve grey/mid-grey	 23 pale rose/dark orange	 12 rock
 13 salt'n pepper	 26 teal blue/black	 17 black/aubergine	 25 mother-of-pearl/black	 18 pale rose/cognac	 01 cream

Cento Medium use, F120

vitra.



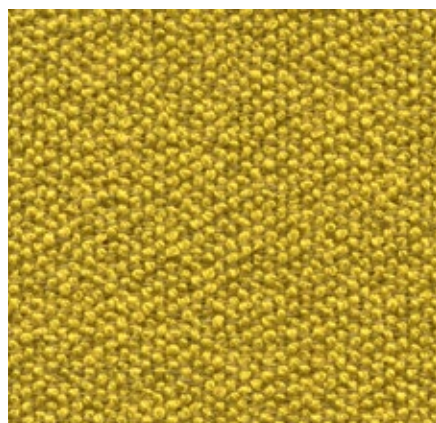
Cento is made of 100% high-quality virgin wool. Its bouclé appearance and three-dimensional structure create a lively surface texture with a voluminous granular feel. Thanks to the sustainable purity of the wool, Cento has been granted the EU Ecolabel.

Cento is available in 14 colors.

Material	100% new wool
Weight	620 g/m ² (18.3 oz/y ²)
Width	147 cm +/- 2 cm (58")
Abrasion resistance	30,000 Martindale
Fastness to light	Type 5
Pilling	Grade 4-5
Fastness to rubbing	Grade 4 dry and wet



Dumet Medium use, F80



Dumet is a cotton blend in a plain weave with a lively appearance. The natural mixed tones create an elegant look with an Italian flair. Dumet is soft and cool to the touch.

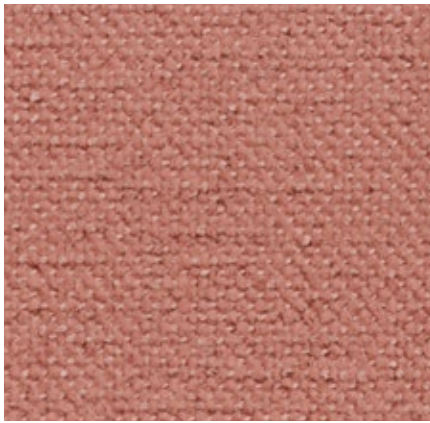
Dumet is available in 20 colors.

Material	9% polyamide, 8% linen, 22% wool, 46% cotton, 15% rayon
Weight	485 g/m ² (14.3 oz/y ²)
Width	147 cm +/- 2 cm (58")
Abrasion resistance	40,000 Martindale
Fastness to light	Type 5
Pilling	Grade 3-4
Fastness to rubbing	Grade 3-4 dry and wet



Hola Medium use, F40

vitra.



Hola is a textile made from 100% recycled polyester. Its finely textured threads are woven into a soft comfortable fabric with an understated expression and almost cotton-like feel. It is simultaneously also resilient enough to be used in semi-public spaces such as hotel lobbies. Hola is Oekotex-certified and manufactured using a dyeing process with a closed water cycle.

Hola is available in 11 colors.

Material	100% recycled polyester
Weight	470 g/m ² (13.9 oz/y ²)
Width	142 cm +/- 2 cm (56")
Abrasion resistance	60,000 Martindale
Fastness to light	Type 5
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet



09
pearl



01
canary



10
cement



04
blush pink



05
dark grey



11
truffle



02
terracotta



06
dark blue



08
mint

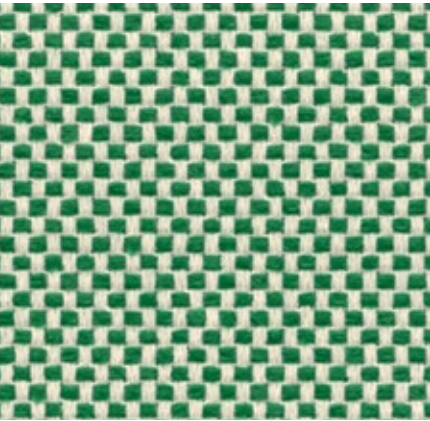


03
chestnut



07
sea green

Laser RE Heavy use, F40



The environmentally friendly fabric Laser RE is made from recycled polyester. It has a distinctive woven appearance, which is particularly accentuated by contrasting duotones in a varied palette of 25 colors. Practical and easy to care for, as well as durable and highly abrasion-resistant, Laser RE is also well suited for office environments.

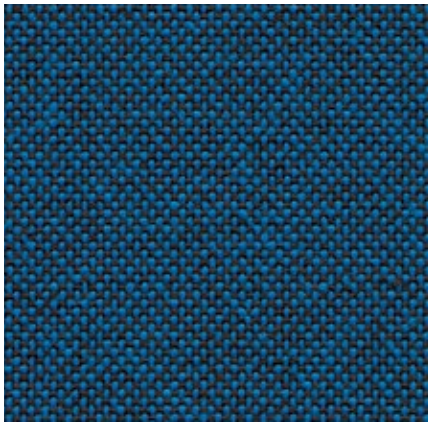
Laser RE is available in 25 colors.

Material	100% recycled polyester
Weight	520 g/m ² (15.3 oz/y ²)
Width	144 cm +/- 2 cm (57")
Abrasion resistance	100,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

60 cream	63 warm grey/ cream	68 lemon/mustard	74 nude/light red	64 warm grey/moor brown	19 blue/moor brown
61 nude/cream	65 ice blue/cream	69 grass green/ cream	75 light red	72 emerald/ma- lachite	20 ice blue/moor brown
66 papyrus/cream	13 stone grey	70 emerald/cream	76 red/light red	56 teal blue	03 dark carbon
62 cream/mustard	67 reed green/ mustard	71 mint/malachite	73 dark red/black	77 teal blue/black	57 dark blue
04 black					

Plano Heavy use, F30

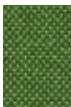
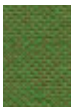
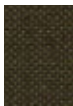
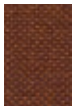
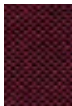
vitra.



Plano is a robust plain weave with a flat, even texture. The wide palette of duotones with new, delicate washed-out shades includes many relatively neutral hues, a good number of which are coordinated with the Hopsak color range. Thanks to its durability and longevity, Plano is also an ideal choice for office furnishings.

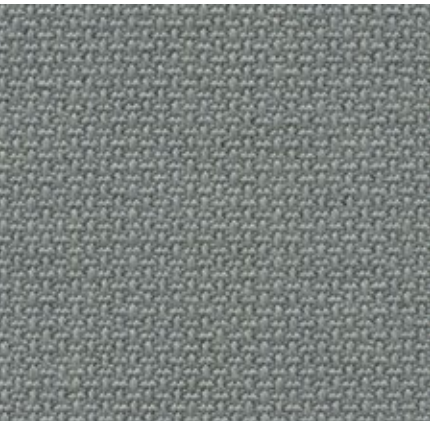
Plano is available in 39 colors.

Material	100% polyester
Weight	265 g/m ² (7.8 oz/y ²)
Width	142 cm +/- 2 cm (56")
Abrasion resistance	80,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

 05 cream white/ sierra grey	 34 grass green/ forest	 12 light grey/ice blue	 81 blue/coconut	 19 sierra grey	 73 nero/coconut
 18 light grey/sierra grey	 61 classic green/ cognac	 17 forest/sierra grey	 86 dark blue/brown	 74 sierra grey/nero	 66 nero
 39 yellow/pastel green	 41 classic green/ forest	 40 coconut/forest	 13 nero/ice blue	 69 dark grey	 54 brown
 68 avocado	 52 mint/forest	 43 petrol/nero	 87 nero/cream white	 62 dark grey/nero	 75 marron/nero
 67 cognac	 72 poppy red	 84 poppy red/ champagne			
 11 marron/cognac	 07 orange	 15 pink/sierra grey	 99 cognac/parch- ment		
 98 dark red/nero	 96 red/cognac	 16 dark red/ice blue	 20 tobacco/cream white		
 97 red/coconut	 63 red/poppy red	 80 coffee	 03 parchment/ cream white		

Volo Heavy use, F60

vitra.



Volo is a finely structured wool blend with a refined weave that gives it an elegant appearance. This expressive textile shows strong solid colours to full advantage while simultaneously offering pleasant tactile qualities. With its soft look and appealing texture, Volo is a perfect fit for home interiors, but it is also well suited for use in the contract sector.

Volo is available in 17 colors.

Material	15% polyamide, 85% new wool
Weight	435 g/m ² (12.8 oz/y ²)
Width	145 cm +/- 3 cm (57")
Abrasion resistance	100,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

04
lemon

06
summer grass

07
fern

08
green-grey

56
teal blue

51
ice blue

10
indigo

11
night blue

14
iron grey

15
mid-grey

02
dark grey

16
black

13
moor brown

69
marron

77
brick

12
red

05
canola

