

# HAL

Jasper Morrison, 2010/2014



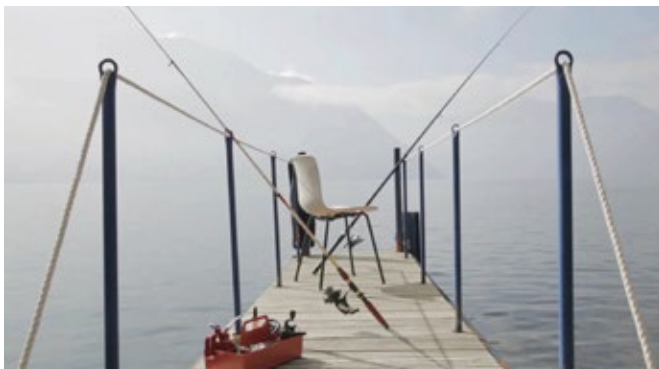
HAL is Jasper Morrison's interpretation of a shell chair in the tradition of the Plastic Chair by Charles and Ray Eames, whose variety of different bases enables versatile use – from dining tables to meeting rooms, from bars to auditoriums. HAL RE is a further development of this design with a seat shell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

Due to the composition of the recycled material, the different colours are interspersed with tiny specks of pigment. The colour 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).

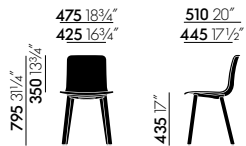
The related HAL Armchair rounds out the HAL family.

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



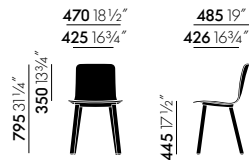
In the version with a four-legged base and a powder-coated finish in ivory or basic dark, HAL Tube is weatherproof and therefore also suitable for use on balconies or in gardens. Special additives retard the fading of the seat shell colours from the sun's rays.

HAL RE Wood



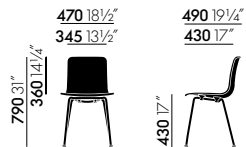
- **Seat shell:** recycled, dyed-through polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** non-stackable wooden base in natural or dark oak. Connecting element between shell and base in die-cast aluminium, powder-coated in dim grey.
- **Origin of wood:** oak (*Quercus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

HAL RE Tube

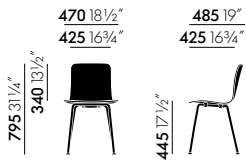


- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** four-legged base in tubular steel, non-stackable, chrome-plated or powder-coated in ivory or basic dark.



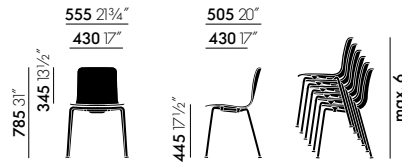
**Outdoor use:** unupholstered version with powder-coated base suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in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



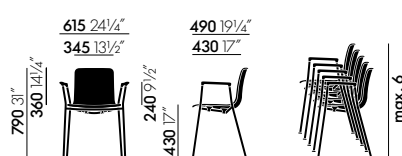
- **Seat shell:** plywood (USA).
- **Base:** stackable four-legged base made of tubular steel, chrome-plated or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor, up to 11 chairs on a stacking trolley.
- **Note:** as stacking can cause scratches, we recommend the chrome version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

HAL RE Tube Stackable



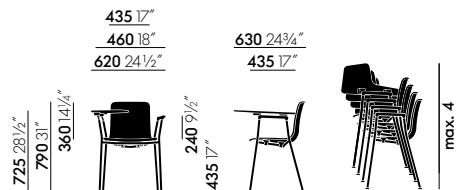
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** stackable four-legged base made of tubular steel, chrome-plated or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor, up to 15 chairs on a stacking trolley.
- **Note:** as stacking can cause scratches, we recommend the chrome version for this purpose.

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 colour matched to seat shell.

HAL RE Tube Writing Tablet



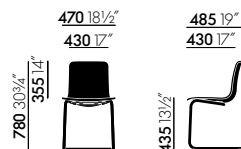
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** four-legged base in tubular steel, with a foldable tablet desk in black, always mounted on the right (from a seated position). Up to 4 chairs can be stacked on the floor or on a stacking trolley.

HAL RE Sledge



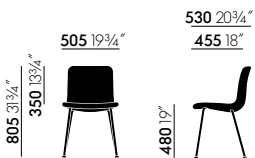
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** sledge base in chrome-plated tubular steel. Up to 6 chairs can be stacked on the floor, up to 13 chairs on a stacking trolley. Also available with row connectors.

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



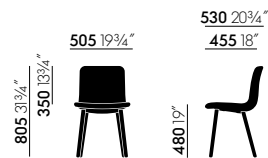
- **Seat shell:** glass-fibre reinforced polyamide. Polyurethane foam padding, replaceable fabric cover (to be carried out by Vitra Service only).
- **Base:** four-legged tubular steel base, chrome-plated finish or powder-coated in basic dark.

HAL Soft Tube Stackable



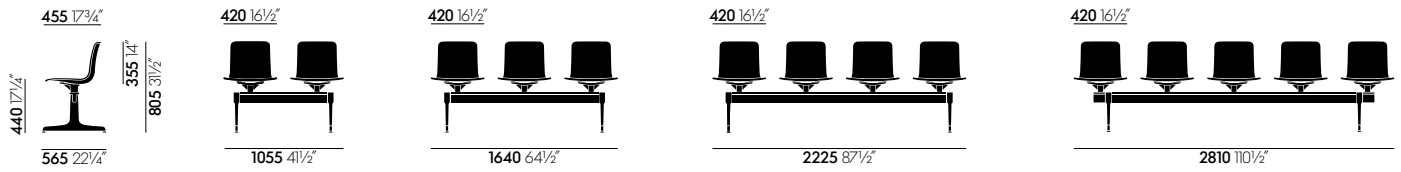
- **Seat shell:** glass-fibre reinforced polyamide. Polyurethane foam padding, replaceable fabric cover (to be carried out by Vitra Service only).
- **Base:** stackable four-legged tubular steel base, chrome-plated finish or powder-coated in basic dark. Up to 6 chairs can be stacked on the floor.

HAL Soft Wood



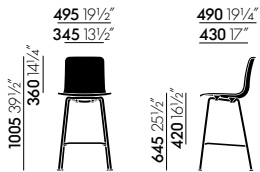
- **Seat shell:** glass-fibre reinforced polyamide. Polyurethane foam padding, replaceable fabric cover (to be carried out by Vitra Service only).
- **Base:** non-stackable wooden base in natural or dark oak.
- **Seat shell and base connection:** die-cast aluminium, powder-coated finish.

HAL Beam Seating



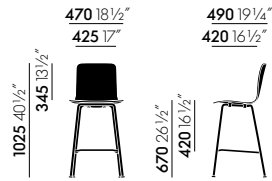
- **Seat shell:** dyed-through recycled polypropylene or plywood.
- **Table unit:** black solid core material (560 x 430 mm).
- **Base:** two-legged beam support in different lengths accommodates 2 to 5 chair shells or table units. T-beam with powder-coated finish, aluminium legs. Equipped with plastic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

HAL RE Stool Medium



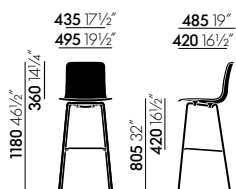
- **Seat shell:** dyed-through, recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** chrome-plated tubular steel, non-stackable.

HAL Ply Stool Medium



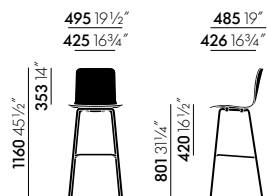
- **Seat shell:** plywood (USA).
- **Base:** chrome-plated tubular steel, non-stackable.

HAL RE Stool High



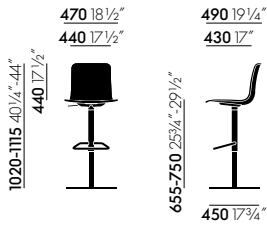
- **Seat shell:** dyed-through, recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** chrome-plated tubular steel with anti-skid footrest, non-stacking.

HAL Ply Stool High

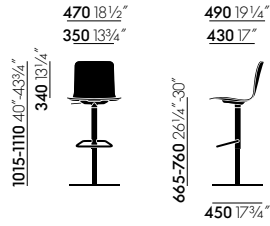


- **Seat shell:** plywood (USA).
- **Base:** chrome-plated tubular steel with anti-skid footrest, non-stacking.

HAL RE Barstool



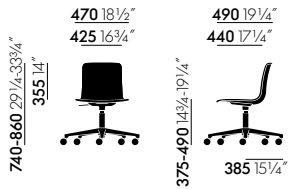
HAL Ply Barstool



- **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 aluminium, powder-coated in dim grey. Steel base plate with brushed stainless steel cover (matt); felt bottom.

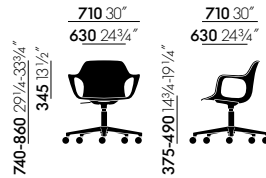
- **Seat shell:** plywood; swivel mount (USA).
- **Base:** height-adjustable tubular steel pedestal, gas spring powder-coated in basic dark, column sleeve and footrest in chrome-plated tubular steel with anti-skid surface. Connecting element between shell and base in die-cast aluminium, powder-coated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

HAL RE Studio



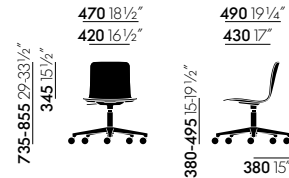
- **Seat shell:** dyed-through, recycled polypropylene.
- **Base:** five-star base in die-cast aluminium powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

HAL RE Armchair Studio



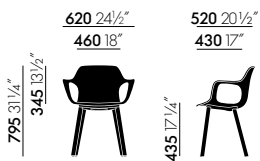
- **Seat shell:** dyed-through recycled polypropylene, with optional seat cushion (screwed to the seat shell).
- **Base:** five-star base in die-cast aluminium powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

HAL Ply Studio



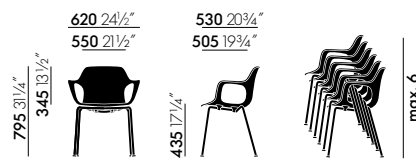
- **Seat shell:** plywood (USA).
- **Base:** five-star base in die-cast aluminium powder-coated in basic dark. Swivel mechanism with shock-absorbing seat suspension, height-adjustable.

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 aluminium, powder-coated in dim grey.
- **Origin of wood:** oak (*Quercus robur*) from Western Europe and/or Poland.

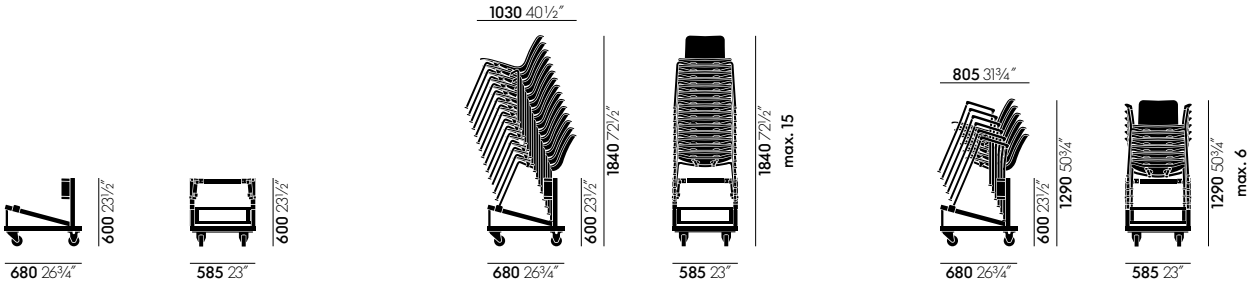
HAL RE Armchair Tube Stackable



- **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.



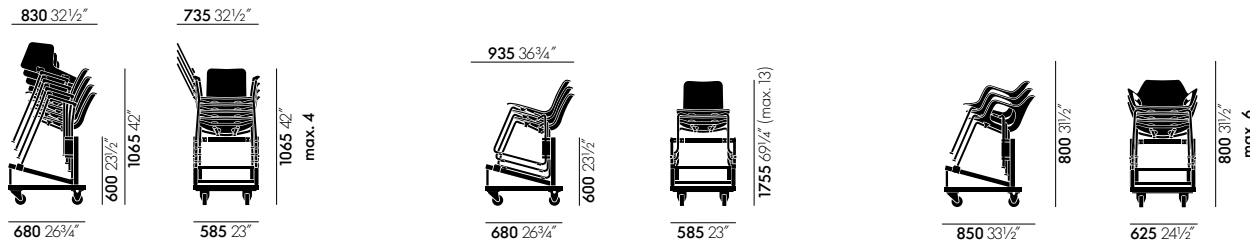
HAL additional elements



HAL Stacking dolly, Trolley suited for all stackable HAL chair models

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

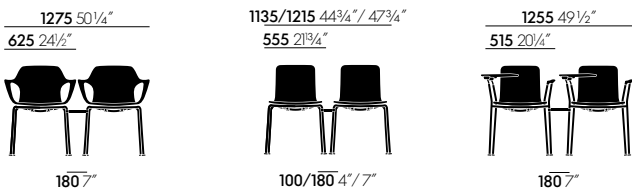
HAL RE Tube Armrest, four-legged tubular steel base, stackable



HAL RE Tube Writing Tablet, tubular steel base, stacking

HAL RE Sledge, sledge 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

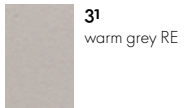
The HAL row connector is a linking element in two sizes: 100 mm for a smaller and 180 mm for a larger distance between the chairs. The number clips of the linking elements for the .03 also match the new HAL linking element.

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

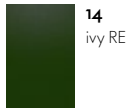
- HAL RE Tube Stackable
- HAL Ply Tube Stackable
- HAL RE Tube Armrest

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



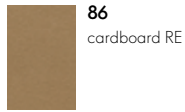
**14**  
ivy RE



**85**  
cotton white RE



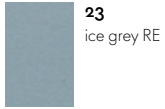
**35**  
basalt RE



**86**  
cardboard RE



**10**  
natural oak, with  
protective varnish



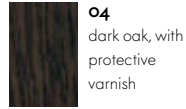
**23**  
ice grey RE



**12**  
deep black RE



**29**  
brick RE



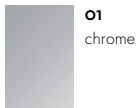
**04**  
dark oak, with  
protective  
varnish

Seat shell HAL RE

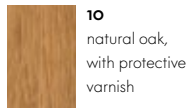
Seat shell HAL Ply



**49**  
ivory powder-  
coated (tex-  
tured)



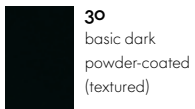
**01**  
chrome



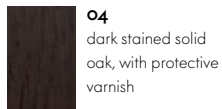
**10**  
natural oak,  
with protective  
varnish



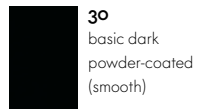
**04**  
white



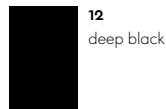
**30**  
basic dark  
powder-coated  
(textured)



**04**  
dark stained solid  
oak, with protective  
varnish



**30**  
basic dark  
powder-coated  
(smooth)



**12**  
deep black

Base

Base HAL Wood, HAL  
Ply Wood, HAL Soft  
Wood

Five-star base

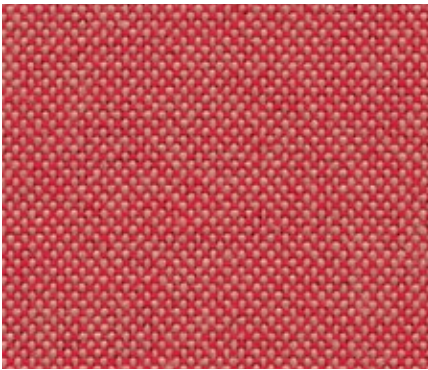
Colours (Glides)



**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 Home/Office, 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 colour range. Thanks to its durability and longevity, Plano is also an ideal choice for office furnishings.

Plano is available in 39 colours.

Material	100% polyester
Weight	265 g/m <sup>2</sup> (7.8 oz/y <sup>2</sup> )
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**



**Seat cover, Plano (for orders of 6 or more)**

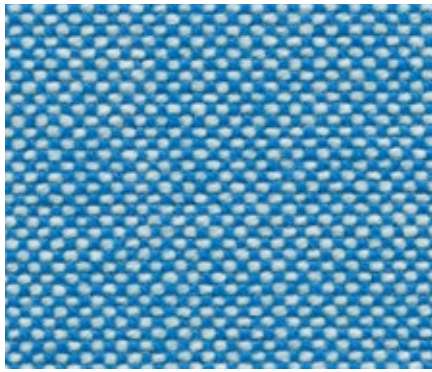




**HAL seat upholstery**

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 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 <sup>2</sup> (16.2 oz/y <sup>2</sup> )
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**

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

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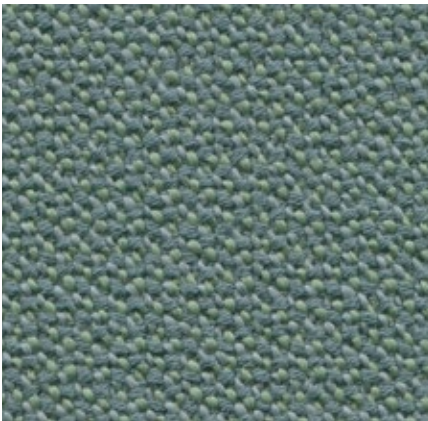
<b>67</b> poppy red/ivory
<b>72</b> yellow/poppy red
<b>88</b> cognac/ivory
<b>79</b> warm grey/ivory



**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.







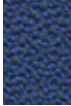
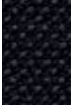



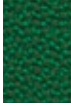





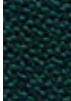
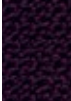



**Credo Home/Office, F120**



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.

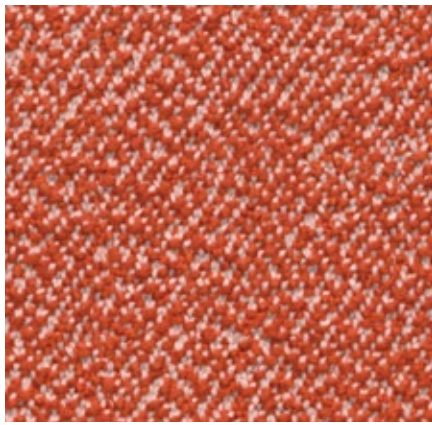
Credo is available in 22 colours.

Material	5% polyamide, 95% new wool
Weight	640 g/m <sup>2</sup> (18.9 oz/y <sup>2</sup> )
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

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

# Cento Strong use, F120

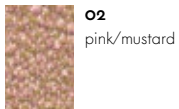
**vitra.**



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 colours.

Material	100% new wool
Weight	620 g/m <sup>2</sup>
Width	147 cm +/- 2 cm
Abrasion resistance	30,000 Martindale
Fastness to light	Type 5
Pilling	Grade 4-5
Fastness to rubbing	Grade 4 dry and wet



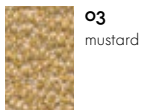
**02**  
pink/mustard



**06**  
light lavender



**09**  
malachite



**03**  
mustard



**16**  
stone



**10**  
mid-grey/black



**04**  
dark ochre



**07**  
light sage



**11**  
truffle/black



**14**  
electric blue



**05**  
orange



**15**  
salt 'n pepper

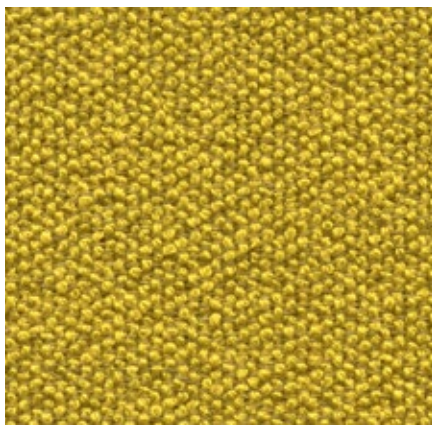


**12**  
dark red melange



**13**  
pine green/black

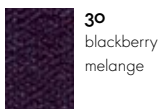
# Dumet Home, F80



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 colours.

Material	9% polyamide, 46% cotton, 8% linen, 22% wool, 15% rayon
Weight	485 g/m <sup>2</sup> (14.3 oz/y <sup>2</sup> )
Width	147 cm +/- 2 cm (57")
Abrasion resistance	40,000 Martindale
Fastness to light	Type 5
Pilling	Grade 3-4
Fastness to rubbing	Grade 3-4 dry and wet



**30**  
blackberry melange



**06**  
pebble melange



**11**  
yellow melange



**10**  
pale rose/beige



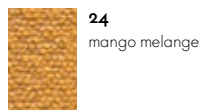
**07**  
ginger/grey



**31**  
indigo melange



**27**  
pale blue/emerald



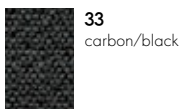
**24**  
mango melange



**23**  
pale rose/coral



**03**  
beige/grey



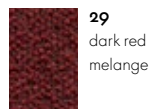
**33**  
carbon/black



**28**  
sage/steel blue



**25**  
ochre melange



**29**  
dark red melange



**02**  
beige melange



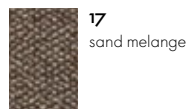
**32**  
sierra grey melange



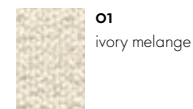
**26**  
pale blue/chartreuse



**22**  
pale blue/pale rose

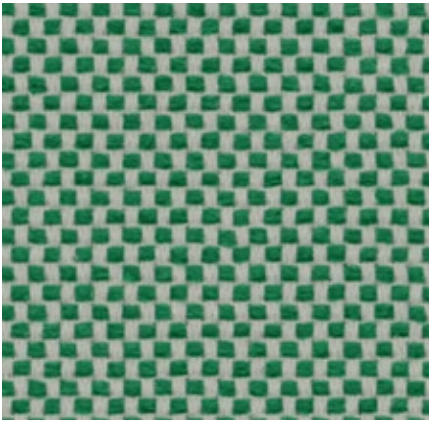


**17**  
sand melange



**01**  
ivory melange

# Laser RE Home/Office, 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 colours. Practical and easy to care for, as well as durable and highly abrasion-resistant, Laser RE is also well suited for office environments.

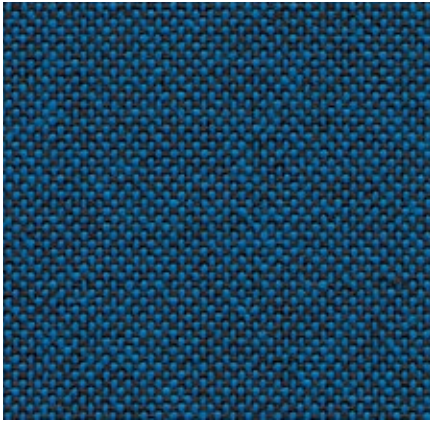
Laser RE is available in 25 colours.

Material	100% recycled polyester
Weight	520 g/m <sup>2</sup>
Width	144 cm +/- 2 cm
Abrasion resistance	100,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet



# Plano Home/Office, 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 colour range. Thanks to its durability and longevity, Plano is also an ideal choice for office furnishings.

Plano is available in 39 colours.

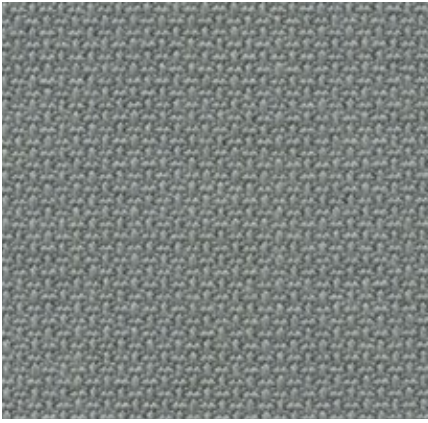
Material	100% polyester
Gewicht	265 g/m <sup>2</sup> (7.8 oz/y <sup>2</sup> )
Breite	142 cm +/- 2 cm (56")
Scheuerfestigkeit	80,000 Martindale
Lichtechtheit	Type 6
Pilling	Grade 4-5
Reibechtheit	Grade 4-5 dry and wet





# Volo Home/Office, F6o

**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 colours.

Material	15% polyamide, 85% new wool
Weight	435 g/m <sup>2</sup> (12.8 oz/y <sup>2</sup> )
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



**56**  
teal blue



**14**  
iron grey



**13**  
moor brown



**06**  
summer grass



**51**  
ice blue



**15**  
mid-grey



**69**  
marron



**07**  
fern



**10**  
indigo



**02**  
dark grey



**77**  
brick



**08**  
green-grey



**11**  
night blue



**16**  
black



**12**  
red



**05**  
canola

