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# Steelcase AP Surface Materials Reference Manual

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Overview

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Material Listing  
Availability Matrices

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Technical Information  
Environmental Performance  
Glossary

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## Legend

- Available
- Available with exception
- Not available

# Steelcase AP Material Listing

## Paint

### Smooth Paint

<b>SL</b>	Sliver	<b>4AQ7</b>	Tangerine
<b>NI</b>	Nickel	<b>4AQ8</b>	Wasabi
<b>BK</b>	Black	<b>4AQ9</b>	Scarlet
		<b>4AV3</b>	Blue Jay

### Textured Paint

<b>ZW</b>	Pearl Snow
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## Low-Pressure Laminate

### Solid Laminate

<b>E01</b>	Neige
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### Woodgrain Laminate

<b>160</b>	Maple
<b>404</b>	Sakura
<b>W06</b>	Beech
<b>W09</b>	Dark Oak

## Wood Veneer

### Open-pore

<b>V722</b>	Dark Mahogany on Walnut
<b>V812</b>	Walnut
<b>V022</b>	Oak
<b>V012</b>	White on Ash

### Full-fill

<b>V724</b>	Dark Mahogany on Walnut
<b>V424</b>	Medium Cherry

## Acrylic

### Acrylic

<b>ATL0</b>	Frosted White	<b>ATL4</b>	Translucent Green
<b>ATL1</b>	Translucent Black	<b>ATL5</b>	Translucent Blue
<b>ATL2</b>	Translucent Orange	<b>ATL9</b>	Transparent
<b>ATL3</b>	Translucent Red		

## Glass

### Glass

<b>CL</b>	Clear Temper Glass	<b>5G</b>	White Painted Glass
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## Vertical Surface Fabrics

### Newport

#### Price Group 1

<b>NP01</b>	Ash	<b>NP08</b>	Oceania
<b>NP04</b>	Cookies & Cream	<b>NP11</b>	Cloud
<b>NP07</b>	Poseidon		

### Omni-R

#### Price Group 1

<b>J501</b>	Ebony	<b>J522</b>	Sand
<b>J502</b>	Crimson	<b>J523</b>	Oatmeal
<b>J506</b>	Sapphire	<b>J524</b>	Iron Ore
<b>J507</b>	Ink Blue	<b>J525</b>	Hot Sun
<b>J508</b>	Rhino	<b>J526</b>	Late
<b>J509</b>	Cocoa	<b>J527</b>	Petroleum
<b>J511</b>	Olive	<b>J535</b>	Coconut
<b>J513</b>	Azure Blue	<b>J537</b>	Tangerine
<b>J515</b>	Hydrangea	<b>J538</b>	Scarlet
<b>J516</b>	Pearl Grey	<b>J541</b>	Blue Jay
<b>J517</b>	Cork	<b>J543</b>	Wasabi
<b>J518</b>	Maize	<b>J544</b>	Nickel
<b>J521</b>	Cloud	<b>J547</b>	Malt

### Omni-R2

#### Price Group 1

<b>R501</b>	Ebony	<b>R522</b>	Sand
<b>R502</b>	Crimson	<b>R523</b>	Oatmeal
<b>R506</b>	Sapphire	<b>R524</b>	Iron Ore
<b>R507</b>	Ink Blue	<b>R525</b>	Hot Sun
<b>R508</b>	Rhino	<b>R526</b>	Late
<b>R509</b>	Cocoa	<b>R527</b>	Petroleum
<b>R511</b>	Olive	<b>R535</b>	Coconut
<b>R513</b>	Azure Blue	<b>R537</b>	Tangerine
<b>R515</b>	Hydrangea	<b>R538</b>	Scarlet
<b>R516</b>	Pearl Grey	<b>R541</b>	Blue Jay
<b>R517</b>	Cork	<b>R543</b>	Wasabi
<b>R518</b>	Maize	<b>R544</b>	Nickel
<b>R521</b>	Cloud	<b>R547</b>	Malt

### Festive-R

#### Price Group 2

<b>FR01</b>	Garlic	<b>FR06</b>	Anise
<b>FR02</b>	Sesame	<b>FR07</b>	Blueberry
<b>FR03</b>	Salt	<b>FR10</b>	Jam
<b>FR05</b>	Pepper	<b>FR14</b>	Roquefort

### Zest

#### Price Group 2

<b>ZS02</b>	Mist	<b>ZS06</b>	Mint Chocolate
<b>ZS03</b>	Ice	<b>ZS07</b>	Earth
<b>ZS04</b>	Sleet	<b>ZS11</b>	Pewter

### Bounce

#### Price Group 2

<b>B017</b>	Tangerine	<b>B023</b>	Wasabi
<b>B018</b>	Scarlet	<b>B024</b>	Nickel
<b>B021</b>	Blue Jay		

# Steelcase AP Material Listing

## Seating Upholstery - Woven/Knit Textiles

### Omni

#### Price Group 1

<b>A501</b>	Ebony	<b>A511</b>	Olive
<b>A502</b>	Crimson	<b>A513</b>	Azure Blue
<b>A506</b>	Sapphire	<b>A515</b>	Hydrangea
<b>A507</b>	Ink Blue	<b>A516</b>	Pearl Grey
<b>A508</b>	Rhino	<b>A517</b>	Cork
<b>A509</b>	Cocoa	<b>A518</b>	Maize

### Omni-R

#### Price Group 1

<b>J501</b>	Ebony	<b>J522</b>	Sand
<b>J502</b>	Crimson	<b>J523</b>	Oatmeal
<b>J506</b>	Sapphire	<b>J524</b>	Iron Ore
<b>J507</b>	Ink Blue	<b>J525</b>	Hot Sun
<b>J508</b>	Rhino	<b>J526</b>	Late
<b>J509</b>	Cocoa	<b>J527</b>	Petroleum
<b>J511</b>	Olive	<b>J535</b>	Coconut
<b>J513</b>	Azure Blue	<b>J537</b>	Tangerine
<b>J515</b>	Hydrangea	<b>J538</b>	Scarlet
<b>J516</b>	Pearl Grey	<b>J541</b>	Blue Jay
<b>J517</b>	Cork	<b>J543</b>	Wasabi
<b>J518</b>	Maize	<b>J544</b>	Nickel
<b>J521</b>	Cloud	<b>J547</b>	Malt

### Omni-R2

#### Price Group 1

<b>R501</b>	Ebony	<b>R522</b>	Sand
<b>R502</b>	Crimson	<b>R523</b>	Oatmeal
<b>R506</b>	Sapphire	<b>R524</b>	Iron Ore
<b>R507</b>	Ink Blue	<b>R525</b>	Hot Sun
<b>R508</b>	Rhino	<b>R526</b>	Late
<b>R509</b>	Cocoa	<b>R527</b>	Petroleum
<b>R511</b>	Olive	<b>R535</b>	Coconut
<b>R513</b>	Azure Blue	<b>R537</b>	Tangerine
<b>R515</b>	Hydrangea	<b>R538</b>	Scarlet
<b>R516</b>	Pearl Grey	<b>R541</b>	Blue Jay
<b>R517</b>	Cork	<b>R543</b>	Wasabi
<b>R518</b>	Maize	<b>R544</b>	Nickel
<b>R521</b>	Cloud	<b>R547</b>	Malt

### Spear for Apt-V

#### Price Group 1

<b>SP01</b>	Ebony	<b>SP10</b>	Hops
<b>SP02</b>	Crimson	<b>SP11</b>	Olive
<b>SP03</b>	Tangerine	<b>SP16</b>	Pearl Grey
<b>SP06</b>	Sapphire	<b>SP17</b>	Cork

## Cross Check

#### Price Group 2

<b>CC01</b>	Cranberry	<b>CC16</b>	Slate Black
<b>CC05</b>	Blue Ribbon	<b>CC17</b>	Lime
<b>CC06</b>	Paradise	<b>CC18</b>	Aquamarine
<b>CC07</b>	Dijon	<b>CC64</b>	Igloo
<b>CC14</b>	Platinum		

## Cross Check-S

#### Price Group 2

<b>CS08</b>	Saddle Tan	<b>CS15</b>	Basalt
<b>CS09</b>	Maple	<b>CS20</b>	Lapis
<b>CS10</b>	Otter	<b>CS46</b>	Earth
<b>CS11</b>	Wisteria		

## Bounce

#### Price Group 2

<b>B017</b>	Tangerine	<b>B023</b>	Wasabi
<b>B018</b>	Scarlet	<b>B024</b>	Nickel
<b>B021</b>	Blue Jay		

## Go-Go

#### Price Group 3

<b>G001</b>	Lido	<b>G003</b>	Peppermint
<b>G002</b>	Sunset	<b>G004</b>	Retro

## Seating Upholstery - Leather/Coated Materials

### Leather for Think Chair

#### Price Group Leather

<b>LA01</b>	Black	<b>LA02</b>	Dark Brown
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### Citadel Leather for Apt-Ex

#### Price Group Leather

<b>CT01</b>	Twilight	<b>CT02</b>	Coffee Brown
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### Omega Leather for Apt

#### Price Group Leather

<b>OM01</b>	Jet Black
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## Other Upholstery

### 3D Knit

<b>5064</b>	Black	<b>5093</b>	Nickel
<b>5065</b>	Coconut	<b>5094</b>	Tangerine
<b>5066</b>	Malt	<b>5095</b>	Scarlet
<b>5090</b>	Wasabi	<b>5098</b>	Blue Jay

### Mesh for Apt-M

<b>MS01</b>	Black
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# Steelcase AP Material Listing - Ultra Portfolio

## Paint

### Smooth Paint

SL Sliver

### Textured Paint

8003	Sandy dot charcoal	8009	Sandy dot sliver
8007	Sandy grey	8010	Sandy warm white
8008	Sandy beige		

## Low-Pressure Laminate

### Solid Laminate

932	Beige	1630	White
1200	Charcoal	M201	Grey

### Woodgrain Laminate

150	Maple	M112	Cherry
577	Beechwood	SF11	Maple
M080	Maple		

## Wood Veneer

### Open-pore

OEV1	Natural Oak
OEV2	Black Oak
OEV4	Rosewood Oak
OEV5	Natural Red Oak
WEM1	Natural Walnut (Mountain)
WEM2	Dark Brown Walnut (Mountain)
WES1	Natural Walnut (Straight)
WES2	Dark Brown Walnut (Straight)

### Full-fill

B1	Beechwood
C2	Golden Cherry
C3	Light Brown Cherry
MEM1	Maple Natural (Mountain)
O3	Dark Brown Oak
TE4	Natural Teak

## Acrylic

### Acrylic

ACRT Acrylic

## Glass

### Glass

SANT	Frosted temper glass	PURT	Clear glass
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# color to be culled in April 2012  
+ color to be culled in October 2012

## Vertical Surface Fabrics

### Spruce

#### Price Group A

S001 #	Blush	S048 +	Smoke Pine
S003	Tomato	S104 +	Autumn Glory
S004	Blue Indigo	S105 #	Dandelion
S005	Dutch Blue	S106	Plaza Taupe
S009	Black	S107 #	Limeade
S011 #	Pacific	S108	Forest green
S014	Stone	S110	Orient Blue
S017	Jester Red	S111 #	Little Boy Blue
S018	Jaffa Orange	S112	Ethereal Blue
S019	Blue Mirage	S113 +	Limoges
S020 #	Storm	S114 #	Fiery Red
S023	Stone Wash	S115	Lunar Rock
S026	Estate blue	S116 +	Bright Violet
S027 #	Copper	S117	Gold Fusion
S030 #	Windsor Wine	S118 +	Pigeon
S031	Lime	S119	Bungee Cord
S033 +	Honey Gold	S801 +	Clear Water
S035	Sky Drive	S802	Olive
S038	Frost Gray	S803	Sliver Grey
S039 #	Maroon	S804 #	Vanilla
S045 #	Green Gables	S805 +	Misted Yellow
S046	Dark Gull Gray	S806 #	Purple Velvet
S047 #	Deep Sea		

### GA

#### Price Group A

GA17 +	GA17 - light grey blue	GA80 +	GA80 - blue
GA4N #	GA4N - blue	GA82 #	GA82 - pale blue
GA71 +	GA71 - purple	GA83 #	GA83 - purple blue
GA73 #	GA73 - pale red	GA88 #	GA88 - sky blue
GA77 #	GA77 - red/black threaded	GA90 #	GA90 - beige
GA79 #	GA79 - blue	GA93 #	GA93 - sea-green

### Earth

#### Price Group A

E110 +	Coriander Liner	E210 #	Coriander
E123 +	Slate Liner	E223 #	Slate
E124 +	Dove Line	E224 #	Dove
E130 +	Sponge Liner	E230 #	Sponge
E131 #	Landscape Liner	E231 +	Landscape
E136 #	Dune Lune	E236 +	Dune

### Vieno

#### Price Group A

VO16 #	Woodrose	VO26 #	Otter
VO02 #	Celestial	VO03 #	Sandstorm
VO20 #	Doeskin	VO06 #	Dune
VO24 #	Midnight	VO07 #	Meadow
VO25 #	Rosette		

# color to be culled in April 2012  
+ color to be culled in October 2012

# Steelcase AP Material Listing - Ultra Portfolio

## Tilli

### Price Group B

<b>TL01 #</b> Suede	<b>TL14 #</b> Cadet
<b>TL03 #</b> Walnut	<b>TL16 #</b> Pool
<b>TL04 #</b> Grove	<b>TL17 #</b> Mercury
<b>TL05 #</b> Avocado	<b>TL18 #</b> Granite
<b>TL07 #</b> Marigold	<b>TL19 #</b> Noir
<b>TL08 #</b> Spice	<b>TL20 #</b> Patina
<b>TL10 #</b> Rouge	<b>TL21 #</b> Celery
<b>TL11 #</b> Quince	<b>TL23 #</b> Cashmere
<b>TL12 #</b> Wisteria	<b>TL26 #</b> Moonshadow

## Seating Upholstery - Woven/Knit Textiles

### Spruce

#### Price Group A

<b>S001 #</b> Blush	<b>S048 +</b> Smoke Pine
<b>S003</b> Tomato	<b>S104 +</b> Autumn Glory
<b>S004</b> Blue Indigo	<b>S105 #</b> Dandelion
<b>S005</b> Dutch Blue	<b>S106</b> Plaza Taupe
<b>S009</b> Black	<b>S107 #</b> Limeade
<b>S011 #</b> Pacific	<b>S108</b> Forest green
<b>S014</b> Stone	<b>S110</b> Orient Blue
<b>S017</b> Jester Red	<b>S111 #</b> Little Boy Blue
<b>S018</b> Jaffa Orange	<b>S112</b> Ethereal Blue
<b>S019</b> Blue Mirage	<b>S113 +</b> Limoges
<b>S020 #</b> Storm	<b>S114 #</b> Fiery Red
<b>S023</b> Stone Wash	<b>S115</b> Lunar Rock
<b>S026</b> Estate blue	<b>S116 +</b> Bright Violet
<b>S027 #</b> Copper	<b>S117</b> Gold Fusion
<b>S030 #</b> Windsor Wine	<b>S118 +</b> Pigeon
<b>S031</b> Lime	<b>S119</b> Bungee Cord
<b>S033 +</b> Honey Gold	<b>S801 +</b> Clear Water
<b>S035</b> Sky Drive	<b>S802</b> Olive
<b>S038</b> Frost Gray	<b>S803</b> Sliver Grey
<b>S039 #</b> Maroon	<b>S804 #</b> Vanilla
<b>S045 #</b> Green Gables	<b>S805 +</b> Misted Yellow
<b>S046</b> Dark Gull Gray	<b>S806 #</b> Purple Velvet
<b>S047 #</b> Deep Sea	

## Grotto

### Price Group A

<b>SF01 #</b> Passionate Red	<b>SF07 #</b> Gray Mist
<b>SF02 #</b> Zinnia	<b>SF08 #</b> Sliver Cloud
<b>SF03 #</b> Peridot	<b>SF09 #</b> Seneca Rock
<b>SF04 #</b> Garden Green	<b>SF10 #</b> Raven
<b>SF05 #</b> Limoges	<b>SF11 #</b> Chili Pepper
<b>SF06 #</b> Dark Slate	<b>SF12 #</b> Dark Dull Gray

# color to be culled in April 2012  
+ color to be culled in October 2012

## GA

### Price Group A

<b>GA17 +</b> GA17 - light grey blue	<b>GA80 +</b> GA80 - blue
<b>GA4N #</b> GA4N - blue	<b>GA82 #</b> GA82 - pale blue
<b>GA71 +</b> GA71 - purple	<b>GA83 #</b> GA83 - purple blue
<b>GA73 #</b> GA73 - pale red	<b>GA88 #</b> GA88 - sky blue
<b>GA77 #</b> GA77 - red/black threaded	<b>GA90 #</b> GA90 - beige
<b>GA79 #</b> GA79 - blue	<b>GA93 #</b> GA93 - sea-green

## Tilli

### Price Group B

<b>TL01 #</b> Suede	<b>TL14 #</b> Cadet
<b>TL03 #</b> Walnut	<b>TL16 #</b> Pool
<b>TL04 #</b> Grove	<b>TL17 #</b> Mercury
<b>TL05 #</b> Avocado	<b>TL18 #</b> Granite
<b>TL07 #</b> Marigold	<b>TL19 #</b> Noir
<b>TL08 #</b> Spice	<b>TL20 #</b> Patina
<b>TL10 #</b> Rouge	<b>TL21 #</b> Celery
<b>TL11 #</b> Quince	<b>TL23 #</b> Cashmere
<b>TL12 #</b> Wisteria	<b>TL26 #</b> Moonshadow

## Seating Upholstery - Leather/Coated Materials

### Leather

#### Price Group Leather

<b>FLBK</b>	Full Leather Black
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# Hard Surface Matrix

Systems & Desk										Werndl & Executive Collections						Storage			
Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue	Emerge (Werndl Collection)	TouchDown (Werndl Collection)	FlipTop Twin (Werndl Collection)	FreeWall (Werndl Collection)	Rio (Werndl Collection)	Four Point Eight	Executive Collection	Stages Pedestal	Datum C2	Moby System	B Free Lounge

## Paint

### Smooth Paint

SL	Sliver	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NI	Nickel	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BK	Black	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4AQ7	Tangerine	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4AQ8	Wasabi	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4AQ9	Scarlet	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4AV3	Blue Jay	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

### Textured Paint

ZW	Pearl Snow	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
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### Metal

907	Polished Chrome	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
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### Tambour Door Paint

TB1	Sliver	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TB2	White	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

## Laminate

### Solid Laminate

E01	Neige	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
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### Wood Grain Laminate

160	Maple	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
404	Sakura	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
W06	Beech	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
W09	Dark Oak	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

### Wood Veneer (Open-pore)

V722	Dark Mahogany on Walnut	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
V812	Walnut	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
V022	Oak	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
V012	White on Ash	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

### Wood Veneer (Full-fill)

V724	Dark Mahogany on Walnut	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
V424	Medium Cherry	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

# Hard Surface Matrix

Systems & Desk									
Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue	

## Acrylic

		Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue
ATL0	Frosted White	■	■	•	•	■	•	■	■	•
ATL1	Translucent Black	■	■	•	•	■	•	•	■	•
ATL2	Translucent Orange	■	■	•	•	■	•	•	■	•
ATL3	Translucent Red	■	■	•	•	■	•	•	■	•
ATL4	Translucent Green	■	■	•	•	■	•	•	■	•
ATL5	Translucent Blue	■	■	•	•	■	•	•	■	•
ATL9	Transparent	•	•	•	•	•	•	■	•	•

## Glass

		Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue
CL	Clear Temper Glass	•	■	•	•	•	•	•	•	•
5G	White Painted Glass	•	■	•	•	•	•	•	•	•

## Metal

		Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue
907	Polished Chrome	•	•	•	•	•	•	•	•	•
	Anodized Aluminum	•	•	•	•	•	•	■	•	•
	Zink	•	•	•	•	•	•	■	•	•

## Plastic

		Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue
SL	Sliver	•	•	•	•	•	•	■	•	•
	Grey	•	•	•	•	•	•	■	•	•

# Seating Upholstery Matrix

		Leap	Think	Think Visitor	Let's B	Apt-S	Apt-M	Apt-V	Apt-EX	Apt-G	Personality	B Free Lounge	Manifesto	Moby System
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## Fabric

### Omni (Price Group 1)

A501	Ebony	•	•	•	■	■	■	•	•	■	•	•	•	•
A502	Crimson	•	•	•	■	■	■	•	•	■	•	•	•	•
A506	Sapphire	•	•	•	■	■	■	•	•	■	•	•	•	•
A507	Ink Blue	•	•	•	■	•	•	•	•	•	•	•	•	•
A508	Rhino	•	•	•	■	•	•	•	•	•	•	•	•	•
A509	Cocoa	•	•	•	■	•	•	•	•	•	•	•	•	•
A511	Olive	•	•	•	■	■	■	•	•	■	•	•	•	•
A513	Azure Blue	•	•	•	■	•	•	•	•	•	•	•	•	•
A515	Hydrangea	•	•	•	■	•	•	•	•	•	•	•	•	•
A516	Pearl Grey	•	•	•	■	■	■	•	•	■	•	•	•	•
A517	Cork	•	•	•	■	■	■	•	•	■	•	•	•	•
A518	Maize	•	•	•	■	•	•	•	•	•	•	•	•	•

### Omni-R (Price Group 1)

J501	Ebony	■	■	■	■	•	•	•	•	•	•	•	■	■
J502	Crimson	■	■	■	■	•	•	•	•	•	•	•	■	■
J506	Sapphire	■	■	■	■	•	•	•	•	•	•	•	■	■
J507	Ink Blue	■	■	■	■	•	•	•	•	•	•	•	■	■
J508	Rhino	■	■	■	■	•	•	•	•	•	•	•	■	■
J509	Cocoa	■	■	■	■	•	•	•	•	•	•	•	■	■
J511	Olive	■	■	■	■	•	•	•	•	•	•	•	■	■
J513	Azure Blue	■	■	■	■	•	•	•	•	•	•	•	■	■
J515	Hydrangea	■	■	■	■	•	•	•	•	•	•	•	■	■
J516	Pearl Grey	■	■	■	■	•	•	•	•	•	•	•	■	■
J517	Cork	■	■	■	■	•	•	•	•	•	•	•	■	■
J518	Maize	■	■	■	■	•	•	•	•	•	•	•	■	■
J521	Cloud	■	■	■	■	•	•	•	•	•	•	•	■	■
J522	Sand	■	■	■	■	•	•	•	•	•	•	•	■	■
J523	Oatmeal	■	■	■	■	•	•	•	•	•	•	•	■	■
J524	Iron Ore	■	■	■	■	•	•	•	•	•	•	•	■	■
J525	Hot Sun	■	■	■	■	•	•	•	•	•	•	•	■	■
J526	Late	■	■	■	■	•	•	•	•	•	•	•	■	■
J527	Petroleum	■	■	■	■	•	•	•	•	•	•	•	■	■
J535	Coconut	■	■	■	■	•	•	•	•	•	•	•	■	■
J537	Tangerine	■	■	■	■	•	•	•	•	•	•	•	■	■
J538	Scarlet	■	■	■	■	•	•	•	•	•	•	•	■	■
J541	Blue Jay	■	■	■	■	•	•	•	•	•	•	•	■	■
J543	Wasabi	■	■	■	■	•	•	•	•	•	•	•	■	■
J544	Nickel	■	■	■	■	•	•	•	•	•	•	•	■	■
J547	Malt	■	■	■	■	•	•	•	•	•	•	•	■	■

# Seating Upholstery Matrix

		Leap	Think	Think Visitor	Let's B	Apt-S	Apt-M	Apt-V	Apt-EX	Apt-G	Personality	B Free Lounge	Moby System	Moby System
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## Fabric

### Omni-R2 (Price Group 1)

R501	Ebony	■	■	■	■	○	○	○	○	○	■	○	■	■
R502	Crimson	■	■	■	■	○	○	○	○	○	■	○	■	■
R506	Sapphire	■	■	■	■	○	○	○	○	○	■	○	■	■
R507	Ink Blue	■	■	■	■	○	○	○	○	○	■	○	■	■
R508	Rhino	■	■	■	■	○	○	○	○	○	■	○	■	■
R509	Cocoa	■	■	■	■	○	○	○	○	○	■	○	■	■
R511	Olive	■	■	■	■	○	○	○	○	○	■	○	■	■
R513	Azure Blue	■	■	■	■	○	○	○	○	○	■	○	■	■
R515	Hydrangea	■	■	■	■	○	○	○	○	○	■	○	■	■
R516	Pearl Grey	■	■	■	■	○	○	○	○	○	■	○	■	■
R517	Cork	■	■	■	■	○	○	○	○	○	■	○	■	■
R518	Maize	■	■	■	■	○	○	○	○	○	■	○	■	■
R521	Cloud	■	■	■	■	○	○	○	○	○	■	○	■	■
R522	Sand	■	■	■	■	○	○	○	○	○	■	○	■	■
R523	Oatmeal	■	■	■	■	○	○	○	○	○	■	○	■	■
R524	Iron Ore	■	■	■	■	○	○	○	○	○	■	○	■	■
R525	Hot Sun	■	■	■	■	○	○	○	○	○	■	○	■	■
R526	Late	■	■	■	■	○	○	○	○	○	■	○	■	■
R527	Petroleum	■	■	■	■	○	○	○	○	○	■	○	■	■
R535	Coconut	■	■	■	■	○	○	○	○	○	■	○	■	■
R537	Tangerine	■	■	■	■	○	○	○	○	○	■	○	■	■
R538	Scarlet	■	■	■	■	○	○	○	○	○	■	○	■	■
R541	Blue Jay	■	■	■	■	○	○	○	○	○	■	○	■	■
R543	Wasabi	■	■	■	■	○	○	○	○	○	■	○	■	■
R544	Nickel	■	■	■	■	○	○	○	○	○	■	○	■	■
R547	Malt	■	■	■	■	○	○	○	○	○	■	○	■	■

### Spear (Price Group 1) - for Apt-V

SP01	Ebony	○	○	○	○	○	○	■	○	○	○	○	○	○
SP02	Crimson	○	○	○	○	○	○	■	○	○	○	○	○	○
SP03	Tangerine	○	○	○	○	○	○	■	○	○	○	○	○	○
SP06	Sapphire	○	○	○	○	○	○	■	○	○	○	○	○	○
SP10	Hops	○	○	○	○	○	○	■	○	○	○	○	○	○
SP11	Olive	○	○	○	○	○	○	■	○	○	○	○	○	○
SP16	Pearl Grey	○	○	○	○	○	○	■	○	○	○	○	○	○
SP17	Cork	○	○	○	○	○	○	■	○	○	○	○	○	○

### Cross Check (Price Group 2)

CC01	Cranberry	■	■	■	■	○	○	○	○	○	○	■	○	○
CC05	Blue Ribbon	■	■	■	■	○	○	○	○	○	○	■	○	○
CC06	Paradise	■	■	■	■	○	○	○	○	○	○	■	○	○
CC07	Dijon	■	■	■	■	○	○	○	○	○	○	■	○	○
CC14	Platinum	■	■	■	■	○	○	○	○	○	○	■	○	○
CC16	Slate Black	■	■	■	■	○	○	○	○	○	○	■	○	○
CC17	Lime	■	■	■	■	○	○	○	○	○	○	■	○	○
CC18	Aquamarine	■	■	■	■	○	○	○	○	○	○	■	○	○
CC64	Igloo	■	■	■	■	○	○	○	○	○	○	■	○	○

### Cross Check-S (Price Group 2)

CS08	Saddle Tan	○	○	○	○	○	○	○	○	○	○	■	○	○
CS09	Maple	○	○	○	○	○	○	○	○	○	○	■	○	○
CS10	Otter	○	○	○	○	○	○	○	○	○	○	■	○	○
CS11	Wisteria	○	○	○	○	○	○	○	○	○	○	■	○	○
CS15	Basalt	○	○	○	○	○	○	○	○	○	○	■	○	○
CS20	Lapis	○	○	○	○	○	○	○	○	○	○	■	○	○
CS46	Earth	○	○	○	○	○	○	○	○	○	○	■	○	○

# Seating Upholstery Matrix

		Leap	Think	Think Visitor	Let's B	Apt-S	Apt-M	Apt-V	Apt-EX	Apt-G	Personality		B Free Lounge		Moby System	Moby System
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## Fabric

### Bounce (Price Group 2)

B021	Blue Jay	•	•	•	•	•	•	•	•	•	•		•		■	■
B018	Scarlet	•	•	•	•	•	•	•	•	•	•		•		■	■
B023	Wasabi	•	•	•	•	•	•	•	•	•	•		•		■	■
B017	Tangerine	•	•	•	•	•	•	•	•	•	•		•		■	■
B024	Nickel	•	•	•	•	•	•	•	•	•	•		•		■	■

### Go-Go (Price Group 3)

G001	Lido	•	■	■	•	•	•	•	•	•	•		■		•	•
G002	Sunset	•	■	■	•	•	•	•	•	•	•		■		•	•
G003	Peppermint	•	■	■	•	•	•	•	•	•	•		■		•	•
G004	Retro	•	■	■	•	•	•	•	•	•	•		■		•	•

### 3D Knit

5064	Black	■	■	■	•	•	•	•	•	•	•		•		•	•
5065	Coconut	■	■	■	•	•	•	•	•	•	•		•		•	•
5066	Malt	•	■	■	•	•	•	•	•	•	•		•		•	•
5090	Wasabi	•	■	■	•	•	•	•	•	•	•		•		•	•
5093	Nickel	•	■	■	•	•	•	•	•	•	•		•		•	•
5094	Tangerine	•	■	■	•	•	•	•	•	•	•		•		•	•
5095	Scarlet	•	■	■	•	•	•	•	•	•	•		•		•	•
5098	Blue Jay	•	■	■	•	•	•	•	•	•	•		•		•	•

### Mesh for Apt-M

MS01	Black	•	•	•	•	•	■	•	•	•	•		•		•	•
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## Leather

### Leather for Think

LA01	Black	•	■	■	•	•	•	•	•	•	•		•		•	•
LA02	Dark Brown	•	■	■	•	•	•	•	•	•	•		•		•	•

### Citadel Leather for Apt-Ex

CT01	Twilight	•	•	•	•	•	•	•	■	•	•		•		•	•
CT02	Coffee Brown	•	•	•	•	•	•	•	■	•	•		•		•	•

### Omega Leather for Apt

OM01	Jet Black	•	•	•	•	■	■	•	•	■	•		•		•	•
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## Seating Plastic Matrix

		Leap	Think	Think Visitor	Let's B	Apt-S	Apt-M	Apt-V	Apt-EX	Apt-G
<b>Seating Plastic</b>										
6205	Black	■	■	■	■	●	●	●	●	●
X06	Black	●	●	●	●	■	■	■	■	■
6429	Platinum	■	●	●	●	●	●	●	●	●

<b>Seating Frame/Base Color</b>										
Black/Silver		●	■	■	●	●	●	●	●	●
Black/Black		■	■	●	■	■	■	■	■	■
Black/Polished Aluminum		●	■	■	●	●	●	●	●	●
Platinum/Platinum		■	●	●	●	●	●	●	●	●

# Vertical Surface Fabric Matrix

Systems & Desk										Others		
Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue	Moby	FreeWall (Werndl Collection)	Rio (Werndl Collection)	Executive Collection

## Newport (Price Group 1)

NP01	Ash	■	•	■	•	■	■	■	■	■	•	•	•	■
NP04	Cookies & Cream	■	•	■	•	■	■	■	■	■	•	•	•	■
NP07	Poseidon	■	•	■	•	■	■	■	■	■	•	•	•	■
NP08	Oceania	■	•	■	•	■	■	■	■	■	•	•	•	■
NP11	Cloud	■	•	■	•	■	■	■	■	■	•	•	•	■

## Omni-R (Price Group 1)

J501	Ebony	■	•	■	•	■	■	■	■	■	■	■	■	■
J502	Crimson	■	•	■	•	■	■	■	■	■	■	■	■	■
J506	Sapphire	■	•	■	•	■	■	■	■	■	■	■	■	■
J507	Ink Blue	■	•	■	•	■	■	■	■	■	■	■	■	■
J508	Rhino	■	•	■	•	■	■	■	■	■	■	■	■	■
J509	Cocoa	■	•	■	•	■	■	■	■	■	■	■	■	■
J511	Olive	■	•	■	•	■	■	■	■	■	■	■	■	■
J513	Azure Blue	■	•	■	•	■	■	■	■	■	■	■	■	■
J515	Hydrangea	■	•	■	•	■	■	■	■	■	■	■	■	■
J516	Pearl Grey	■	•	■	•	■	■	■	■	■	■	■	■	■
J517	Cork	■	•	■	•	■	■	■	■	■	■	■	■	■
J518	Maize	■	•	■	•	■	■	■	■	■	■	■	■	■
J521	Cloud	■	•	■	•	■	■	■	■	■	■	■	■	■
J522	Sand	■	•	■	•	■	■	■	■	■	■	■	■	■
J523	Oatmeal	■	•	■	•	■	■	■	■	■	■	■	■	■
J524	Iron Ore	■	•	■	•	■	■	■	■	■	■	■	■	■
J525	Hot Sun	■	•	■	•	■	■	■	■	■	■	■	■	■
J526	Late	■	•	■	•	■	■	■	■	■	■	■	■	■
J527	Petroleum	■	•	■	•	■	■	■	■	■	■	■	■	■
J535	Coconut	■	•	■	•	■	■	■	■	■	■	■	■	■
J537	Tangerine	■	•	■	•	■	■	■	■	■	■	■	■	■
J538	Scarlet	■	•	■	•	■	■	■	■	■	■	■	■	■
J541	Blue Jay	■	•	■	•	■	■	■	■	■	■	■	■	■
J543	Wasabi	■	•	■	•	■	■	■	■	■	■	■	■	■
J544	Nickel	■	•	■	•	■	■	■	■	■	■	■	■	■
J547	Malt	■	•	■	•	■	■	■	■	■	■	■	■	■

# Vertical Surface Fabric Matrix

Systems & Desk										Others		
Manifesto	Lexicon	FE-1	FE-2	FE-3	Answer	Forward	FrameOne	Doue	Moby	FreeWall (Werndl Collection)	Rio (Werndl Collection)	Executive Collection

## Fabric

### Omni-R2 (Price Group 1)

R501	Ebony	•	■	•	•	•	•	•	•	•	•	•	•	•
R502	Crimson	•	■	•	•	•	•	•	•	•	•	•	•	•
R506	Sapphire	•	■	•	•	•	•	•	•	•	•	•	•	•
R507	Ink Blue	•	■	•	•	•	•	•	•	•	•	•	•	•
R508	Rhino	•	■	•	•	•	•	•	•	•	•	•	•	•
R509	Cocoa	•	■	•	•	•	•	•	•	•	•	•	•	•
R511	Olive	•	■	•	•	•	•	•	•	•	•	•	•	•
R513	Azure Blue	•	■	•	•	•	•	•	•	•	•	•	•	•
R515	Hydrangea	•	■	•	•	•	•	•	•	•	•	•	•	•
R516	Pearl Grey	•	■	•	•	•	•	•	•	•	•	•	•	•
R517	Cork	•	■	•	•	•	•	•	•	•	•	•	•	•
R518	Maize	•	■	•	•	•	•	•	•	•	•	•	•	•
R521	Cloud	•	■	•	•	•	•	•	•	•	•	•	•	•
R522	Sand	•	■	•	•	•	•	•	•	•	•	•	•	•
R523	Oatmeal	•	■	•	•	•	•	•	•	•	•	•	•	•
R524	Iron Ore	•	■	•	•	•	•	•	•	•	•	•	•	•
R525	Hot Sun	•	■	•	•	•	•	•	•	•	•	•	•	•
R526	Late	•	■	•	•	•	•	•	•	•	•	•	•	•
R527	Petroleum	•	■	•	•	•	•	•	•	•	•	•	•	•
R535	Coconut	•	■	•	•	•	•	•	•	•	•	•	•	•
R537	Tangerine	•	■	•	•	•	•	•	•	•	•	•	•	•
R538	Scarlet	•	■	•	•	•	•	•	•	•	•	•	•	•
R541	Blue Jay	•	■	•	•	•	•	•	•	•	•	•	•	•
R543	Wasabi	•	■	•	•	•	•	•	•	•	•	•	•	•
R544	Nickel	•	■	•	•	•	•	•	•	•	•	•	•	•
R547	Malt	•	■	•	•	•	•	•	•	•	•	•	•	•

### Festive-R (Price Group 2)

FR01	Garlic	■	•	■	•	■	■	■	■	■	•	■	•	■
FR02	Sesame	■	•	■	•	■	■	■	■	■	•	■	•	■
FR03	Salt	■	•	■	•	■	■	■	■	■	•	■	•	■
FR05	Pepper	■	•	■	•	■	■	■	■	■	•	■	•	■
FR06	Anise	■	•	■	•	■	■	■	■	■	•	■	•	■
FR07	Blueberry	■	•	■	•	■	■	■	■	■	•	■	•	■
FR10	Jam	■	•	■	•	■	■	■	■	■	•	■	•	■
FR14	Roquefort	■	•	■	•	■	■	■	■	■	•	■	•	■

### Zest (Price Group 2)

ZS02	Mist	■	•	■	•	■	■	■	■	■	•	■	•	■
ZS03	Ice	■	•	■	•	■	■	■	■	■	•	■	•	■
ZS04	Sleet	■	•	■	•	■	■	■	■	■	•	■	•	■
ZS06	Mint Chocolate	■	•	■	•	■	■	■	■	■	•	■	•	■
ZS07	Earth	■	•	■	•	■	■	■	■	■	•	■	•	■
ZS11	Pewter	■	•	■	•	■	■	■	■	■	•	■	•	■

### Bounce (Price Group 2)

B021	Blue Jay	■	•	•	•	•	•	•	•	•	■	•	•	•
B018	Scarlet	■	•	•	•	•	•	•	•	•	■	•	•	•
B023	Wasabi	■	•	•	•	•	•	•	•	•	■	•	•	•
B017	Tangerine	■	•	•	•	•	•	•	•	•	■	•	•	•
B024	Nickel	■	•	•	•	•	•	•	•	•	■	•	•	•

# Ultra Portfolio - Hard Surface Matrix

System & Casegood						Executive & Lounge				UPSS (Steel Storage)
SystemONE	V8 Desking	T2 Desking	T5 Desking	UPCG Desking	UPCG Storage	Continents	Lux	Alto	Cittern	

## Paint

### Smooth Paint

SL	Sliver	■	□	□	□	•	•	•	•	•	•	•	•	•
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### Textile Paint

8003	Sandy dot charcoal	■	■	■	■	•	•	•	•	•	•	•	•	■
8007	Sandy grey	•	■	■	■	•	•	■	•	•	•	•	•	■
8008	Sandy beige	•	■	■	■	•	•	•	•	•	•	•	•	■
8009	Sandy dot sliver	•	■	■	■	•	•	•	•	•	•	•	•	■
8010	Sandy warm white	■	■	■	■	•	•	•	•	•	•	•	•	■

## Laminate

### Solid Laminate

932	Beige	■	■	■	■	■	•	•	•	•	■	•	•	•
1630	White	■	■	■	■	■	•	•	•	•	■	•	•	•
M201	Grey	■	■	■	■	■	•	•	•	•	■	•	•	•
1200	Charcoal	■	■	■	■	■	•	•	•	•	■	•	•	•

### Wood Grain Laminate

M080	Maple	■	■	■	■	■	•	•	•	•	■	•	•	•
M112	Cherry	■	■	■	■	■	•	•	•	•	■	•	•	•
577	Beechwood	■	■	■	■	■	•	•	•	•	■	•	•	•
150	Maple	■	■	■	■	■	•	•	•	•	■	•	•	•
SF11	Maple	■	■	■	■	■	•	•	•	•	■	•	•	•

## Wood Veneer (Open-pore)

B1	Beechwood (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
MES1	Maple (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
C2	Golden brown cherry (Mountain)	•	■	•	•	•	•	■	■	•	■	•	•	•
C3	Light brown cherry (Mountain)	•	■	•	•	•	•	■	■	•	■	•	•	•
O3	Dark brown oak (Mountain)	•	■	•	•	•	•	■	■	•	■	•	•	•
TE4	Teak (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•

## Wood Veneer (Full-fill)

OEV1	Oak (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
OEV2	Black oak (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
OEV4	Rosewood oak (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
OEV5	Red oak (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
WES1	Walnut (Straight)	•	■	•	•	•	•	■	■	•	■	•	•	•
WEM1	Walnut (Mountain)	•	■	•	•	•	•	■	■	•	■	•	•	•
WEM2	Dark brown walnut (Mountain)	•	■	•	•	•	•	■	■	•	■	•	•	•

## Transparent

### Temper Glass

SANT	Frosted temper glass	■	•	•	•	•	•	•	•	•	■	•	•	•
PURT	Clear glass	■	•	•	•	•	•	•	•	•	■	•	•	•

### Acrylic

ACRT	Acrylic	■	•	•	•	•	•	•	•	•	•	•	•	•
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# Ultra Portfolio - Upholstery Matrix

Seating			SystemONE	Lounge		
AD#	Kuttio#	Avant#		Alto	Cittern	Beba#

## Fabric

### Spruce (Group A)

	AD#	Kuttio#	Avant#	SystemONE	Alto	Cittern	Beba#
S001 # Blush	■	■	●	■	■	■	■
S003 Tomato	■	■	●	■	■	■	■
S004 Blue Indigo	■	■	●	■	■	■	■
S005 Dutch Blue	■	■	●	■	■	■	■
S009 Black	■	■	●	■	■	■	■
S011 # Pacific	■	■	●	■	■	■	■
S014 Stone	■	■	●	■	■	■	■
S017 Jester Red	■	■	●	■	■	■	■
S018 Jaffa Orange	■	■	●	■	■	■	■
S019 Blue Mirage	■	■	●	■	■	■	■
S020 # Storm	■	■	●	■	■	■	■
S023 Stone Wash	■	■	●	■	■	■	■
S026 Estate blue	■	■	●	■	■	■	■
S027 # Copper	■	■	●	■	■	■	■
S030 # Windsor Wine	■	■	●	■	■	■	■
S031 Lime	■	■	●	■	■	■	■
S033 + Honey Gold	■	■	●	■	■	■	■
S035 Sky Drive	■	■	●	■	■	■	■
S038 Frost Gray	■	■	●	■	■	■	■
S039 # Maroon	■	■	●	■	■	■	■
S045 # Green Gables	■	■	●	■	■	■	■
S046 Dark Gull Gray	■	■	●	■	■	■	■
S047 # Deep Sea	■	■	●	■	■	■	■
S048 + Smoke Pine	■	■	●	■	■	■	■
S104 + Autumn Glory	■	■	●	■	■	■	■
S105 # Dandelion	■	■	●	■	■	■	■
S106 Plaza Taupe	■	■	●	■	■	■	■
S107 # Limeade	■	■	●	■	■	■	■
S108 Forest green	■	■	●	■	■	■	■
S110 Orient Blue	■	■	●	■	■	■	■
S111 # Little Boy Blue	■	■	●	■	■	■	■
S112 Ethereal Blue	■	■	●	■	■	■	■
S113 + Limoges	■	■	●	■	■	■	■
S114 # Fiery Red	■	■	●	■	■	■	■
S115 Lunar Rock	■	■	●	■	■	■	■
S116 + Bright Violet	■	■	●	■	■	■	■
S117 Gold Fusion	■	■	●	■	■	■	■
S118 + Pigeon	■	■	●	■	■	■	■
S119 Bungee Cord	■	■	●	■	■	■	■
S801 + Clear Water	■	■	●	■	■	■	■
S802 Olive	■	■	●	■	■	■	■
S803 Sliver Grey	■	■	●	■	■	■	■
S804 # Vanilla	■	■	●	■	■	■	■
S805 + Misted Yellow	■	■	●	■	■	■	■
S806 # Purple Velvet	■	■	●	■	■	■	■

# Ultra Portfolio - Upholstery Matrix

Seating			SystemONE	Lounge		
AD#	Kuttio#	Avant#		Alto	Cittern	Beba#

## Fabric

### Grotto (Group A)

SF01 # Passionate Red	■	■	●	●	■	■	■
SF02 # Zinnia	■	■	●	●	■	■	■
SF03 # Peridot	■	■	●	●	■	■	■
SF04 # Garden Green	■	■	●	●	■	■	■
SF05 # Limoges	■	■	●	●	■	■	■
SF06 # Dark Slate	■	■	●	●	■	■	■
SF07 # Gray Mist	■	■	●	●	■	■	■
SF08 # Silver Cloud	■	■	●	●	■	■	■
SF09 # Seneca Rock	■	■	●	●	■	■	■
SF10 # Raven	■	■	●	●	■	■	■
SF11 # Chili Pepper	■	■	●	●	■	■	■
SF12 # Dark Dull Gray	■	■	●	●	■	■	■

### GA (Group A)

GA17 + GA17 - light grey blue	■	■	●	■	■	■	■
GA4N # GA4N - blue	■	■	●	■	■	■	■
GA71 + GA71 - purple	■	■	●	■	■	■	■
GA73 # GA73 - pale red	■	■	●	■	■	■	■
GA77 # GA77 - red/black threaded	■	■	●	■	■	■	■
GA79 # GA79 - blue	■	■	●	■	■	■	■
GA80 + GA80 - blue	■	■	●	■	■	■	■
GA82 # GA82 - pale blue	■	■	●	■	■	■	■
GA83 # GA83 - purple blue	■	■	●	■	■	■	■
GA88 # GA88 - sky blue	■	■	●	■	■	■	■
GA90 # GA90 - beige	■	■	●	■	■	■	■
GA93 # GA93 - sea-green	■	■	●	■	■	■	■

### Earth (Group A)

E110 + Coriander Liner	●	●	●	■	●	●	●
E123 + Slate Liner	●	●	●	■	●	●	●
E124 + Dove Liner	●	●	●	■	●	●	●
E130 + Sponge Liner	●	●	●	■	●	●	●
E131 # Landscape Liner	●	●	●	■	●	●	●
E136 # Dune Lune	●	●	●	■	●	●	●
E210 # Coriander	●	●	●	■	●	●	●
E223 # Slate	●	●	●	■	●	●	●
E224 # Dove	●	●	●	■	●	●	●
E230 # Sponge	●	●	●	■	●	●	●
E231 + Landscape	●	●	●	■	●	●	●
E236 + Dune	●	●	●	■	●	●	●

### Vieno (Group A)

VO02 # Celestial	●	●	●	■	■	■	■
VO03 # Sandstorm	●	●	●	■	■	■	■
VO06 # Dune	●	●	●	■	■	■	■
VO07 # Meadow	●	●	●	■	■	■	■
VO16 # Woodrose	●	●	●	■	■	■	■
VO20 # Doeskin	●	●	●	■	■	■	■
VO24 # Midnight	●	●	●	■	■	■	■
VO25 # Rosette	●	●	●	■	■	■	■
VO26 # Otter	●	●	●	■	■	■	■

# Ultra Portfolio - Upholstery Matrix

Seating			SystemONE	Lounge		
AD#	Kuttio#	Avant#		Alto	Cittern	Beba#

## Fabric

### Tilli (Group B)

	AD#	Kuttio#	Avant#	SystemONE	Alto	Cittern	Beba#
TL01 # Suede	■	■	•	■	■	■	■
TL03 # Walnut	■	■	•	■	■	■	■
TL04 # Grove	■	■	•	■	■	■	■
TL05 # Avocado	■	■	•	■	■	■	■
TL07 # Marigold	■	■	•	■	■	■	■
TL08 # Spice	■	■	•	■	■	■	■
TL10 # Rouge	■	■	•	■	■	■	■
TL11 # Quince	■	■	•	■	■	■	■
TL12 # Wisteria	■	■	•	■	■	■	■
TL14 # Cadet	■	■	•	■	■	■	■
TL16 # Pool	■	■	•	■	■	■	■
TL17 # Mercury	■	■	•	■	■	■	■
TL18 # Granite	■	■	•	■	■	■	■
TL19 # Noir	■	■	•	■	■	■	■
TL20 # Patina	■	■	•	■	■	■	■
TL21 # Celery	■	■	•	■	■	■	■
TL23 # Cashmere	■	■	•	■	■	■	■
TL26 # Moonshadow	■	■	•	■	■	■	■

### Mesh - for Kuttio

	AD#	Kuttio#	Avant#	SystemONE	Alto	Cittern	Beba#
TW01 Black Tulip	•	■	•	•	•	•	•
TW02 Anemone	•	■	•	•	•	•	•
TW03 Camellia	•	■	•	•	•	•	•
TW04 Hibiscus	•	■	•	•	•	•	•
TW05 Magnolia	•	■	•	•	•	•	•
TW06 Hawthorn	•	■	•	•	•	•	•

### Mesh - for Avant/Avant-S

	AD#	Kuttio#	Avant#	SystemONE	Alto	Cittern	Beba#
TW21 Black	•	•	■	•	•	•	•
TW22 Light grey	•	•	■	•	•	•	•
TW23 Orange	•	•	■	•	•	•	•
TW24 Grey	•	•	■	•	•	•	•

## Leather

	AD#	Kuttio#	Avant#	SystemONE	Alto	Cittern	Beba#
FLBK Full leather black	•	■	•	•	■	■	•
LBK Leather black	•	■	•	•	•	•	•

## Steelcase AP Textile Technical Information

	<b>Newport</b>	<b>Omni</b>	<b>Omni-R</b>	<b>Omni-R2</b>
Price Group	1	1	1	1
Content	56% Recycled 44% Polyester	100% polyester	50% Recycled Polyester 50% Polyester	50% Recycled Polyester 50% Polyester
Backing	None	None	Acrylic Backcoating	None
Construction	Plain	Crepe Weave	Crepe Weave	Crepe Weave
Width	168 cm ( 66" )	180 cm ( 71" )	180 cm (71" )	180 cm ( 71" )
Repeat Size	None	None	None	None
Type of Dyeing	Piece	Piece	Piece	Piece
Abrasion Taber	Panel Fabric, No need to test abrasion	Oscillatory Cylinder Method 96,000 drs	Oscillatory Cylinder Method 182,500 drs	Oscillatory Cylinder Method Over 200,000 drs
Colorfastness* to Crocking	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 3.5
Colorfastness* to Light	AATCC 16 Class 4.0@40 hours	AATCC 16 Class 4.0@40 hours	AATCC 16 Class 4.0@40 hours	AATCC 16 Class 4.0@40 hours
Fire Retardance	CAL 117 E Class 1 ASTM E-84 Class A /1 (unadhered)	CAL 117E Class 1 ASTM E84 Class 4 /1 BS EN 1021-1:1994 (Cigarette)* BS EN 1021-2:1994 (Match)* BS 5852:1990 (Source 5)* BS 7176: 1995 (Medium Hazard )* * Additional backcoating treatment and FR foam required	CAL 117 E Class 1	CAL 117 E Class 1
Fabric Weight	400 g/m	355 g/m	383 g/m	383 g/m
Finish	Water & stain repellent	-	Water & stain repellent	-
Warranty	3 years	3 years	3 years	3 years

	<b>Festive-R</b>	<b>Zest</b>	<b>Cross Check</b>	<b>Cross Check-S</b>
Price Group	2	2	2	2
Content	60.6% Recycled Polyester 39.4% Polyester	50% Recycled Polyester 50% Polyester	100% Polyester	80% Recycled Polyester 20% Polyester
Backing	None	None	Acrylic Backcoating	Acrylic Backcoating
Construction	Plain	Abstract	Dobby	Dobby
Width	168 cm ( 66" )	170 cm ( 67" )	148 cm ( 58" )	148 cm ( 58" )
Repeat Size	None	22.2" H , 18.9" V	0.15" H, 0.33" V	0.15" H , 0.33" V
Type of Dyeing	Piece	Piece	Piece	Piece
Abrasion Taber	Panel Fabric No need to test abrasion	Oscillatory Cylinder Method 45,000 drs	Oscillatory Cylinder Method Over 100,000 drs	Oscillatory Cylinder Method Over 100,000 drs
Colorfastness to Crocking	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 4.5
Colorfastness to Light	AATCC 16 Class 4.0@ 40 hours	AATCC 16 Class 4.0@ 40 hours	AATCC 16 Class 5.0@40 hours	AATCC 16 Class 4.0@40 hours
Fire Retardance	CAL 117 E Class 1	CAL 117 E Class 1	CAL 117 E Class 1 NFPA 260 Class 1	CAL 117 E Class 1
Fabric Weight	300 g/m	300 g/m	340 g/m	340 g/m
Finish	Water & stain repellent	Water & stain repellent	-	-
Warranty	3 years	3 years	3 years	3 years

### Colorfastness

Class 5 = no color transfer

Class 1 = high degree of color transfer

## Steelcase AP Textile Technical Information





	<b>Bounce</b>	<b>Go-Go</b>	<b>3D Knit</b>	<b>Mesh for Apt</b>
Price Group	2	3	-	-
Content	100% Polyester	65% Recycled Polyester 35% Polyester	100% Polyester	100% polyester
Backing	None	None	None	None
Construction	Sandwich Mesh	Geometric Retro	Knit	Knit
Width	137 cm ( 54" )	137 cm ( 54" )	134 cm ( 53" )	Width: 41.5 - 42.5 cm / piece Length: 64-66 cm / piece
Repeat Size	None	1.93" H, 3.62" V	None	None
Type of Dyeing	Piece	Piece	Piece	Piece
Abrasion Taber	Oscillatory Cylinder Method Over 200,000 drs	Oscillatory Cylinder Method Over 50,000 drs	Oscillatory Cylinder Method Over 200,000 drs	Oscillatory Cylinder Method Over 200,000 drs
Colorfastness to Crocking	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet: 4.5	AATCC 8 Dry: 4.5 Wet : 4.5	AATCC 8 Dry: 4.5 Wet: 4.5
Colorfastness to Light	AATCC 16 Class 4.5@ 40 hours	AATCC 16 Class 4.0@ 40 hours	AATCC 16 Class 4.0 @ 40 hours	AATCC 16 Class 4.5 @ 40 hours
Fire Retardance	CAL 117 E Class 1	CAL 117 E Class 1	CAL 117 E Class 1	CAL 117 E Class 1
Fabric Weight	440 g/m	360 g/m	650 g/m	0.4 kg / piece
Finish	-	-	-	-
Warranty	3 years	3 years	3 years	-

### Colorfastness

Class 5 = no color transfer

Class 1 = high degree of color transfer

## Environmental Performance - Recycled polyester content

Fabric Series	Content	Width	Weight	Waste Reduction
Newport	56% Recycled 44% Polyester	168 cm ( 66" )	400 g/m	 13 bottles are recycled per meter of fabric
Omni-R	50% Recycled Polyester 50% Polyester	180 cm ( 71" )	383g/m	 14 bottles are recycled per meter of fabric
Festive-R	60.6% Recycled Polyester 39.4% Polyester	168 cm ( 66" )	300g/m	 12 bottles are recycled per meter of fabric
Zest	50% Recycled Polyester 50% Polyester	170 cm ( 67" )	300g/m	 11 bottles are recycled per meter of fabric

\* 600ml (20oz.) bottles

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## Glossary

### **Abrasion resistance**

The ability of a textile or other surface material to withstand rubbing and abrasion without loss of original color or other physical properties.

### **Abrasion Taber**

The Taber Abrasion test measurement is given in cycles, which indicate how many abrasive revolutions can be applied to a fabric before the first yarn or fibers begin to break.

### **Backing**

A material or coating on the back of a textile that reduces fraying, raveling or slippage and helps the textile retain its shape.

### **Colorfastness**

It is a fabric's ability to retain color in various conditions.

### **Crepe**

A woven textile without a visible **pattern repeat** that has a pebbled or grained surface.

### **Dobby pattern**

A woven textile with a small-scale pattern produced on a dobbie loom.

### **Fire resistance**

The ability of a material to resist ignition and burning when exposed to flame.

### **Low-pressure laminate (LPL)**

LPL is made up of a paper-thin layer of a decorative or solid sheet fused to particle-board or medium density fiberboard.

### **Paint**

It brings color to metal surfaces and provides them with a high-quality finish that is fade and chip resistant.

- **Smooth paints** provide saturated color to painted surfaces.

- **Textured paints** provide subtle visual and tactile enhancement to painted surfaces.

### **Pattern repeat**

The measurement, in length and width, of a single unit of a repeating pattern.

### **Plain weave**

A textile produced using the simplest weave formation. A one up one down warp and filling weave arrangement creates a very simple plain fabric.

### **Piece dye**

The process used to dye fabric after it is woven.

### **Veneer**

A thin layer of fine wood that is used as the outer surface material to achieve a wood effect.

- **Full-fill finish** is a medium-gloss wood finish that fills the grain texture, yet allows the grain pattern to be seen. The wood has a lustrous, satiny look and it is smooth to the touch.

- **Open-pore finish** is a medium-gloss wood finish. The wood grain texture is visible to the eye and distinguishable to the touch it.

### **Weaving**

The process of making textiles using a loom. Filling (horizontal) threads are run over and under warp (vertical) threads to make a length of woven textile. Patterns can be created by using the yarns in different sequences.