Anti-microbial fabrics and vinyls

For the new world in sanitation and hygiene

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Coronavirus has caused global turmoil and placed new emphasis on issues of hygiene and sanitation. While it’s impossible to apply social distancing to the furniture we sit on, what we can do is make our upholstery as safe and as easy to clean as possible when it comes to infection control.
This is our collection of performance fabrics and vinyls, which are all anti-microbial, bleach cleanable, waterproof, and flame retardant to the higher level Crib 5 Medium Hazard standard.
These are the most frequently asked questions we’re being asked about our products right now. And of course, we’re happy to provide the answers:
Q **Are these fabrics and vinyls effective against Coronavirus?**

They protect against a wide range of bacteria which cause infection - such as MRSA, Salmonella and E.coli - and so can provide hygiene benefits in wide ranging commercial end-use areas, including healthcare, hospitality, education and contract office. No anti-microbial testing has yet been carried out against Coronavirus, as it is not yet clear what specific strain of virus to test against.

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Q **Some fabric companies are saying their products do prevent the spread of Coronavirus. What is your response?**

Some claims by some companies may in fact be misleading for a number of reasons:

- They have tested fabrics against a feline Coronavirus strain, which is not the same as the human strain which causes Covid 19.
- The contact time of the virus against the fabric is one hour in this test, while in practice it could be much longer.
- The reduction in viral activity is around 92% after one hour contact time, which is considered a medium performance rating, rather than "good" or "very good".

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Q **What cleaning recommendations would you advise for these products?**

They are all bleach cleanable with a 10% bleach chlorine solution. In addition, the same basic principles for care and maintenance continue to apply: vacuum upholstery regularly to remove dust, dirt and crumbs; attend to stains quickly with a damp cloth; use branded upholstery shampoo on specific types of staining; and periodically consider specialist deep cleaning services such as dry cleaning. More information is available online in the Resources section of our website.
Composition
100% Polyester face with TriOnyx™ performance backcoat

The Halcyon Collection - fresh and innovative performance fabrics, engineered for end-use areas which require extra protection. All bleach cleanable and environmentally conscious too. Powered by Camira TriOnyx, a soft effect finish which ensures fabrics are stain repellent, waterproof, anti-microbial and flame retardant.
**Technical Information**
Halcyon Aspen, Blossom, Cedar, Linden & Poplar

**Composition**
100% Polyester face with TriOnyx™ performance backcoat

**Environment**
Non metallic dyestuffs

**Width**
140 cm minimum

**Weight**
- Aspen: 405 g/m² ±5% (567 g/lin.m ±5%)
- Blossom: 405 g/m² ±5% (565 g/lin.m ±5%)
- Cedar: 465 g/m² ±5% (650 g/lin.m ±5%)
- Linden: 425 g/m² ±5% (595 g/lin.m ±5%)
- Poplar: 490 g/m² ±5% (686 g/lin.m ±5%)

**Pattern Repeat**
- Aspen: Width 4 cm, Length 3.8 cm
- Blossom: Width 38.5 cm, Length 18 cm

**Abrasion Resistance**
Heavy duty / 10 year guarantee
Independently certified to:
- Aspen/Blossom: ≥50,000 Martindale cycles
- Cedar: ≥60,000 Martindale cycles
- Linden: ≥100,000 Martindale cycles
- Poplar: ≥40,000 Martindale cycles

**Flammability**
- EN 1021 - 1 (cigarette)
- EN 1021 - 2 (match)
- BS 7176 Low Hazard
- BS 5852 Ignition Source 5
- BS 7176 Medium Hazard
- UNI 9175 Classe 1 IM
- Aspen/ Blossom : DIN 4102 B1
- Cedar/ Linden/ Poplar: DIN 4102 B2

Note: Flammability performance is dependent on components used. Our certificates show what substrates have been used in our tests. For composite tests customers must ensure their complete furniture meets the necessary standards.

**Light Fastness**
6 (ISO 105 - B02)

**Fastness to Rubbing**
Wet: 4, Dry: 4 (ISO 105 - X12)

**Waterproof**
Hydrostatic head BS 3424 Part 26 > 1 metre

**Urea Resistance**
BS 3424 Part 19 no significant deterioration after 24 hours.

**Anti-microbial / Anti-fungal**
AATCC 147

**Bleach Cleanable**
EN ISO 105 E03 colour change 4 for 10% chlorine solution.

**Cleaning**
Vacuum regularly. Wipe with a damp cloth or use proprietary upholstery shampoo. For full details, see cleaning guide.

(Abrasion testing produces a wide variability of results even from the same test sample. The independent certificate is available on our website or from our customer service team. Internally we specify this product at: Aspen: >35,000 Martindale cycles, Blossom: >50,000 Martindale cycles, Cedar: >60,000 Martindale cycles, Linden: >100,000 Martindale cycles, Poplar: >40,000 Martindale cycles which we believe is realistic for repeatability of testing. Please be aware that abrasion testing alone is not a reliable indicator of the actual wear performance of fabrics. We’re so confident in the durability of our products that we provide a robust 10 year guarantee (full details available).

Please note that seam performance is dependent on seam construction and needle and thread type. We recommend that appropriate sewing advice be taken. This product is not suitable for upholstery methods using glue. Doing so voids any product guarantee.

Batch to batch variations in shade may occur within commercial tolerances. We reserve the right to alter technical specifications without notice. The Unregistered Design Rights and the Copyright in all designs are the exclusive property of Camira Fabrics Limited.)
Halcyon Aspen

12 Colourways

- **Petal**
  - HPA01

- **Lavender**
  - HPA02

- **Berry**
  - HPA03

- **Brook**
  - HPA04

- **Dewdrop**
  - HPA05

- **Botanic**
  - HPA06

- **Gooseberry**
  - HPA07

- **Evergreen**
  - HPA08

- **Lake**
  - HPA09

- **Almond**
  - HPA10

- **Tigerlily**
  - HPA11

- **Nutmeg**
  - HPA12
Halcyon Blossom
12 Colourways

Petal
HPB01

Lavender
HPB02

Berry
HPB03

Brook
HPB04

Dewdrop
HPB05

Botanic
HPB06

Gooseberry
HPB07

Evergreen
HPB08

Lake
HPB09

Almond
HPB10

Tigerlily
HPB11

Nutmeg
HPB12
Halcyon Cedar

12 Colourways

Petal
HPC01

Lavender
HPC02

Berry
HPC03

Brook
HPC04

Dewdrop
HPC05

Botanic
HPC06

Gooseberry
HPC07

Evergreen
HPC08

Lake
HPC09

Almond
HPC10

Tigerlily
HPC11

Nutmeg
HPC12
Halcyon Linden
6 Colourways

- Lavender
  HPL02
- Berry
  HPL03
- Brook
  HPL04
- Evergreen
  HPL08
- Lake
  HPL09
- Almond
  HPL10

Halcyon Poplar
2 Colourways

- Lavender
  HPP02
- Botanic
  HPP06
Composition
100% Recycled FR polyester face with TriOnyx™ performance backcoat

Intervene fabrics provide proven long-term performance in the most demanding public spaces - in reception areas, doctors’ and hospital waiting areas, dining rooms, staff accommodation, nursing and residential homes, and in student halls of residence, lecture theatres and student unions.

The Intervene collection comprises two recycled polyester fabrics, Plain and Texture. Powered by Camira TriOnyx, a soft effect finish which ensures fabrics are stain repellent, waterproof, anti-microbial and flame retardant.
**Technical Information**

**Intervene Plain & Texture**

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**Composition**
100% Recycled FR polyester face with TriOnyx™ performance backcoat

**Environment**
Non metallic dyestuffs

**Width**
140 cm minimum

**Weight**
- Plain: 465 g/m² ±5% (651 g/lin.m ±5%)
- Texture: 510 g/m² ±5% (714 g/lin.m ±5%)

**Abrasion Resistance**
Heavy duty / 10 year guarantee
Independently certified to ≥100,000 Martindale cycles

**Flammability**
- EN 1021 - 1 (cigarette)
- EN 1021 - 2 (match)
- BS 7176 Low Hazard
- BS 5852 Ignition Source 5
- BS 7176 Medium Hazard
- UNI 9175 Classe 1 IM

*Note: Flammability performance is dependent on components used. Our certificates show what substrates have been used in our tests. For composite tests customers must ensure their complete furniture meets the necessary standards.*

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**Light Fastness**
6 (ISO 105 - B02)

**Fastness to Rubbing**
- Wet: 4, Dry: 4 (ISO 105 - X12)

**Waterproof**
Hydrostatic head BS 3424 Part 26 > 1 metre

**Urea Resistance**
BS 3424 Part 19 no significant deterioration after 24 hours.

**Anti-microbial / Anti-fungal**
AATCC 147

**Bleach Cleanable**
EN ISO 105 E03 colour change 4 for 10% chlorine solution.

**Cleaning**
Vacuum regularly. Wipe with a damp cloth or use proprietary upholstery shampoo. For full details, see cleaning guide.

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Please note that seam performance is dependent on seam construction and needle and thread type. We recommend that appropriate sewing advice be taken. This product is not suitable for upholstery methods using glue. Doing so voids any product guarantee.

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(TSR1/1)
Intervene Plain

7 Colourways

Plain YH030
Plain YH046
Plain YH047
Plain YH071
Plain YH096
Plain YH100
Plain YH171
Intervene Texture

14 Colourways

Texture YW009
Texture YW027
Texture YW076
Texture YW079
Texture YW083
Texture YW145
Texture YW148
Texture YW160
Texture YW200
Texture YW203
Texture YW205
Texture YW208
Texture YW209
Texture YW211
Composition
Surface: 100% PVC
Substrate: 100% Cotton

Manila combines the high performance of vinyl with the soft appearance of textile. It’s an environmentally preferable phthalate free vinyl, with a knitted cotton backing and an attractive printed design which mimics the look and texture of woven fabric. The name derives from the manila hemp plant, used traditionally to manufacture natural products such as paper and textiles, bearing a hallmark lightly textured surface effect. The colour palette is well balanced, offering 18 shades which vary between the delicate tones of nature and the brilliance of sharper brights.
## Technical Information

### Manila

| **Composition** |  
| Surface: 100% PVC  
| Substrate: 100% Cotton |

### Width

140 cm minimum

### Weight

800 g/m² ±5% (1120 g/lin.m ±5%)

### Flexes

ISO 7854 Method B 400,000 Flexing cycles

### Abrasion Resistance

Heavy duty / 5 year guarantee  
ISO 5470-2 100,000 rubs (Grade 2 minimum)

### Flammability

EN 1021 - 1 (cigarette)  
EN 1021 - 2 (match)  
BS 7176 Low Hazard  
BS 5852 Ignition Source 5  
BS 7176 Medium Hazard  
UNI 9175 Classe 1 IM  

**Note:** Flammability performance is dependent on components used. Our certificates show what substrates have been used in our tests. For composite tests customers must ensure their complete furniture meets the necessary standards.

### Light Fastness

6 (ISO 105 - B02)

### Fastness to Rubbing

Wet: 4, Dry: 4 (ISO 105 - X12)

### Urea Resistance

BS 3424 Part 19 no significant deterioration after 24 hours.

### Residual extension

ISO 14704-1 Method A < 4% After 30 minutes

### Anti-microbial / Anti-fungal

AATCC 147

### Phthalate free

EN 15777

### Bleach Cleanable

EN ISO 105 E03 colour change 4 for 10% chlorine solution.

### Cleaning

Wipe with a damp cloth and warm soapy water. For full details, see vinyl technical guide.

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Manila

18 Colourways

Cambric  MNL01
Semolina  MNL02
Bran  MNL03
Ore  MNL04

Mist  MNL05
Heavens  MNL06
Bask  MNL07
Stalk  MNL08

Cerulean  MNL09
Tamarind  MNL10
Rosette  MNL11
Leafy  MNL12

Seaway  MNL13
Mulled  MNL14
Satsuma  MNL15
Char  MNL16

Grapefruit  MNL17
Liquorice  MNL19
Composition
Surface: 98% PVC, 2% PU
Substrate: 100% Cotton

Vita is a leather-look vinyl, with a subtle surface grain effect and full matt appearance. It provides maximum protection for heavy duty end-use areas in sectors such as contract, healthcare and hospitality. It is available in a broad palette of 51 considered colourways, designed to enhance and connect with other Camira products, including the Halcyon Collection of treated fabrics. Vita does not contain phthalate plasticisers or heavy metals, yet remains soft, stretchy and pliable.
Technical Information
Vita

**Composition**
Surface: 98% PVC, 2% PU
Substrate: 100% Cotton

**Width**
140 cm minimum

**Weight**
850 g/m² ±5% (1190 g/lin.m ±5%)

**Flexes**
ISO 7854 Method B 400,000 Flexing cycles

**Abrasion Resistance**
Heavy duty / 5 year guarantee
ISO 5470-2 100,000 rubs (Grade 2 minimum)

**Flammability**
EN 1021 - 1 (cigarette)
EN 1021 - 2 (match)
BS 7176 Low Hazard
BS 5852 Ignition Source 5
BS 7176 Medium Hazard
BS 5852 Ignition Source 7 (with interliner)
UNI 9175 Classe 1 IM

*Note: Flammability performance is dependent on components used. Our certificates show what substrates have been used in our tests. For composite tests customers must ensure their complete furniture meets the necessary standards.*

**Light Fastness**
6 (ISO 105 - B02)

**Fastness to Rubbing**
Wet: 4, Dry: 4 (ISO 105 - X12)

**Waterproof**
Hydrostatic head BS 3424 Part 26 > 1 metre

**Urea Resistance**
BS 3424 Part 19 no significant deterioration after 24 hours.

**Residual extension**
ISO 14704-1 Method A < 3% After 30 minutes

**Anti-microbial / Anti-fungal**
AATCC 147

**Phthalate free**
EN 15777

**Bleach Cleanable**
EN ISO 105 E03 colour change 4 for 10% chlorine solution.

**REACH**
Contains no heavy metals or Dimethyl Formamide

**Cleaning**
Wipe with a damp cloth and warm soapy water. Improved resistance to alcohol but avoid regular use and remove residue where possible. For full details, see the vinyl technical guide.

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Vita

51 Colourways

Seal
ITA01

Oatmeal
ITA02

Yellow
ITA03

Koala
ITA04

Squash
ITA05

Avocado
ITA06

Hippo
ITA07

Tomato
ITA08

Olive
ITA09

Taupe
ITA10

Rust
ITA11

Noir
ITA12

Americano
ITA13

Espresso
ITA14

Porcelain
ITA15

Sapphire
ITA16

Amethyst
ITA17

Waterfall
ITA18

Peacock
ITA19

Pink
ITA20
Alpaca
ITA46

Beetle
ITA47

Surf
ITA48

Wisteria
ITA49

Sin
ITA50

Hollyhock
ITA51

Amplified
ITA52

Rocker
ITA53

Sail
ITA54

Envy
ITA55

Clash
ITA56