

# FEBRUARY 2012 MATERIALS UPDATE

## Material ConneXion®

As part of our promise to provide our clients with the newest and most innovative materials sourced from around the world, we are pleased to present our monthly Materials Update. Here you will find the latest materials to have been added to the database, upon their acceptance by our regular jury process.

These materials can be seen online and on-site at our New York location. Selected materials are also available at our Cologne, Daegu, Milan, and Bangkok locations; please call or email us at any of the addresses listed for more information.

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# FEBRUARY 2012 MATERIALS UPDATE

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## CATEGORY INDEX

Carbon

Cement

Metal

Glass

Polymer

Ceramic

Natural

Process

**MC#:** 3687-07

Durable and smooth faux-leather textiles. These textiles have a 100% polyurethane (PU) surface with 82% rayon and 18% polyester backing. Applications are for healthcare, hospitality, residential, office, marine and aviation.



**MC#:** 3687-08

Breathable faux-leather textiles composed of 100% polyurethane (PU) surface with 82% rayon and 18% polyester backing that meet or surpass industry wear standards. Applications: healthcare, hospitality, residential, office, marine and aviation.



**MC#:** 3687-09

Textured faux-leather textiles that include three designs: Metro tech, Eco tech and Ultra tech. These textiles have a 100% polyurethane surface with 82% rayon and 18% polyester backing. Used in healthcare, hospitality, residential, marine, aviation, recreation and automotive.



**MC#:** 3687-10

Faux-leather textiles composed of 100% polyurethane (PU) surface with 100% reinforced rayon backing with a pearlescent finish that meet or surpass industry wear standards. Applications: healthcare, hospitality, residential, office, marine and aviation.



**MC#:** 3687-11

Durable, soft textured faux-leather textiles composed of 100% polyurethane (PU) surface with 65% polyester and 35% rayon backing that meet or surpass industry wear standards. Applications: healthcare, hospitality, residential, office, marine and aviation.



**MC#:** 3687-12

Embossed, durable faux-leather textiles composed of 100% polyurethane (PU) surface with 65% polyester and 35% rayon backing that meet or surpass industry wear standards. Applications: healthcare, hospitality, residential, office, marine and aviation.



**MC#:** 3687-13

Breathable faux-leather textiles composed of 100% polyurethane (PU) surface with 82% rayon and 18% polyester backing that meet or surpass industry wear standards. Applications: healthcare, hospitality, residential, office, marine and aviation.



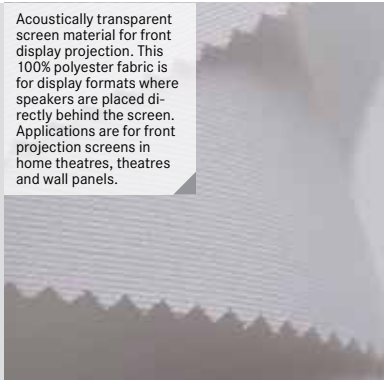
**MC#:** 4780-08

A process that increases the durability and resistance to weathering of softwood and lower cost timber using chemical acetylation. Applications are for outdoor furniture, decking, windows, and for external facades as well as larger wood based construction.



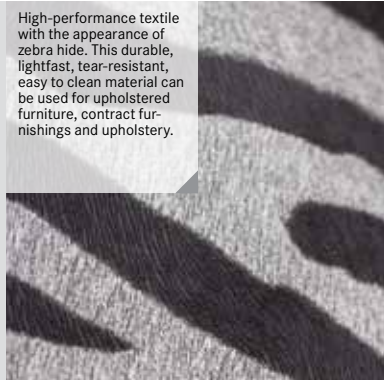
**MC#:** 5021-07

Acoustically transparent screen material for front display projection. This 100% polyester fabric is for display formats where speakers are placed directly behind the screen. Applications are for front projection screens in home theatres, theatres and wall panels.



**MC#:** 5597-08

High-performance textile with the appearance of zebra hide. This durable, lightfast, tear-resistant, easy to clean material can be used for upholstered furniture, contract furnishings and upholstery.



**MC#:** 5597-09

High-performance textile with the appearance of leopard pelt. This long-lasting, lightfast, tear-resistant, easy to clean material can be used for upholstered furniture, contract furnishings and upholstery.





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|---------|---------|
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| Metal   | Glass   |
| Polymer | Ceramic |
| Natural | Process |

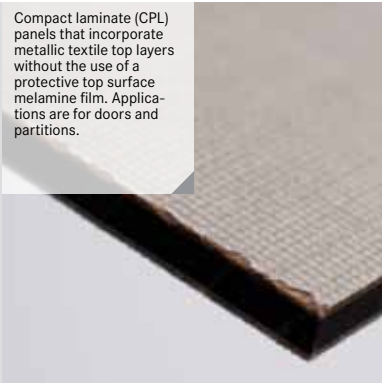
MC#: 6567-04

Metallic plain weave textile. This textile is composed of 64% trevira and 36% metal filaments. Applications: interior window treatments, upholstery, bed hangings, table linens. Can be stretched over panels for shoji screens and room dividers.



MC#: 6730-04

Compact laminate (CPL) panels that incorporate metallic textile top layers without the use of a protective top surface melamine film. Applications are for doors and partitions.



MC#: 6872-08

Synthetic suede leather composed of 100% virgin vinyl (PVC) face with a knit fabric backing and anti-bacterial/anti-microbial resistance. Applications are for hospitality, healthcare, marine, automotive and residential use.



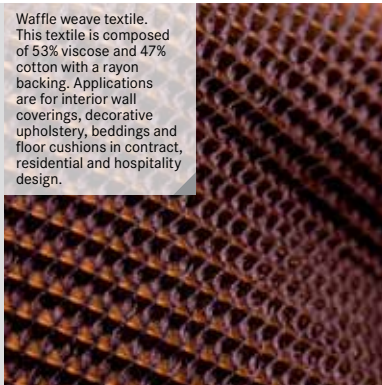
MC#: 6347-04

FSC Certified patterned wood cellulose films with a high quality resistant surface for table and flooring use. Applications include lighting design, furniture, floor, wall and ceiling panels.



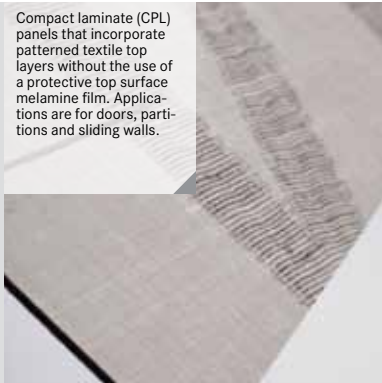
MC#: 6567-05

Waffle weave textile. This textile is composed of 53% viscose and 47% cotton with a rayon backing. Applications are for interior wall coverings, decorative upholstery, beddings and floor cushions in contract, residential and hospitality design.



MC#: 6730-05

Compact laminate (CPL) panels that incorporate patterned textile top layers without the use of a protective top surface melamine film. Applications are for doors, partitions and sliding walls.



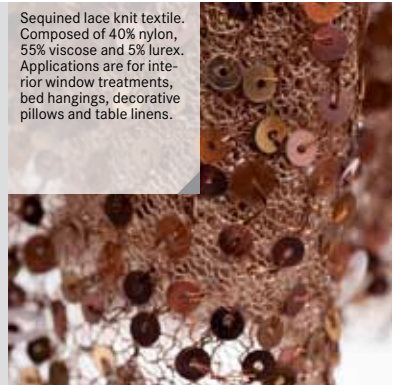
MC#: 6872-09

Synthetic suede leather composed of 100% virgin vinyl (PVC) face with a knit fabric backing that can be heat sealed. Applications are for hospitality, healthcare, marine, automotive and residential use.



MC#: 6567-03

Sequined lace knit textile. Composed of 40% nylon, 55% viscose and 5% lurex. Applications are for interior window treatments, bed hangings, decorative pillows and table linens.



MC#: 6567-06

100% eelskin leather textile for interior surfaces. 'Eelskin' leather has a smooth surface and is exceptionally strong for its thickness. Applications are for interior wall coverings, upholstery, or as furniture veneer in contract, residential and hospitality design.



MC#: 6843-03

Wood plastic composite (WPC) board for concrete formwork (either temporary or permanent molds into which concrete is poured). Applications are used for concrete formwork and multi-use for building construction.



MC#: 6872-10

Soft synthetic leather composed of 100% virgin vinyl (PVC) face with a knit fabric backing. This durable fabric has strong anti-bacterial/anti-microbial resistance. Applications are for hospitality, healthcare, marine, automotive and residential use.



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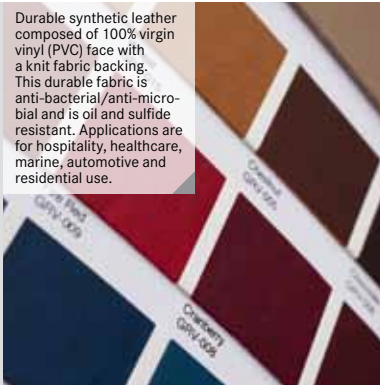
Ceramic

Natural

Process

MC#: 6872-11

Durable synthetic leather composed of 100% virgin vinyl (PVC) face with a knit fabric backing. This durable fabric is anti-bacterial/anti-microbial and is oil and sulfide resistant. Applications are for hospitality, healthcare, marine, automotive and residential use.



MC#: 6872-12

Synthetic leather composed of 100% virgin vinyl (PVC) face that mimics the look of carbon fiber and brushed aluminum with a knit backing. This durable fabric is oil and sulfide resistant. Applications are for hospitality, healthcare, marine and automotive.



MC#: 6873-01

This FSC-Certified repurposed timber and softwood material is primarily composed of either Cypress or Hemlock wood and is reclaimed from bedding bins used in mushroom growing facilities. It is currently used for decorative interior and exterior paneling.



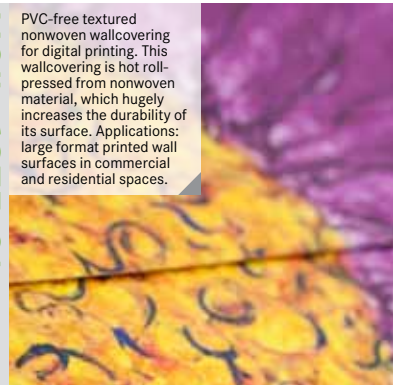
MC#: 6874-01

FSC-Certified organic teak wood from plantation teak trees available as semi-finished products/pieces. The stability of teak wood, as well as its attractive color and grain pattern, makes it valuable for many uses, teak decking and counter-tops.



MC#: 6875-01

PVC-free textured nonwoven wallcovering for digital printing. This wallcovering is hot roll-pressed from nonwoven material, which hugely increases the durability of its surface. Applications: large format printed wall surfaces in commercial and residential spaces.



MC#: 5520-05

Surface-surveillance wall covering with a non-metallic, conductive strip that can register surface breaches and sabotage. Applications: security surveillance of walls, floors and ceilings in museums and bank vaults.



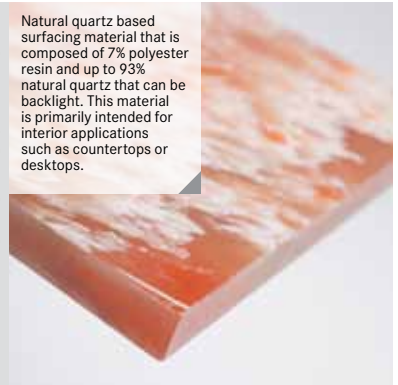
MC#: 6878-01

100% solution dyed acrylic treated with a new stain-resistant finish called Perennials NanoSeal™, a clear coating, high barrier film, providing long-lasting protection even after repeated washings. Applications: exterior and outdoor upholstery.



MC#: 6879-01

Natural quartz based surfacing material that is composed of 7% polyester resin and up to 93% natural quartz that can be backlit. This material is primarily intended for interior applications such as countertops or desktops.



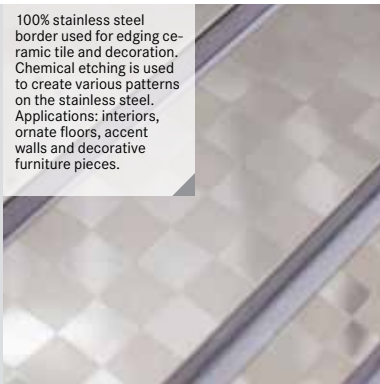
MC#: 6860-02

Carbon nanotube strengthened prepreg carbon fiber system suitable for numerous composite applications and as an alternative to heavier materials such as aluminum or steel in certain structural applications.



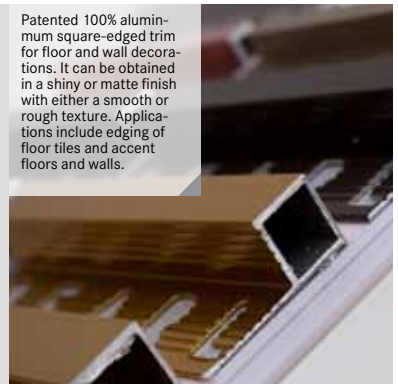
MC#: 6881-01

100% stainless steel border used for edging ceramic tile and decoration. Chemical etching is used to create various patterns on the stainless steel. Applications: interiors, ornate floors, accent walls and decorative furniture pieces.



MC#: 6881-02

Patented 100% aluminum square-edged trim for floor and wall decorations. It can be obtained in a shiny or matte finish with either a smooth or rough texture. Applications include edging of floor tiles and accent floors and walls.



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|                       | Metal   | Glass   |
|                       | Polymer | Ceramic |
|                       | Natural | Process |

**MC#: 6883-01**

Triaxial woven carbon fiber reinforcement for high performance composite manufacture. Increasing the number of fiber directions from two to three increases the damage tolerance and also improves energy absorption.

