

# AUGUST 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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## CATEGORY INDEX

Carbon

Cement

Metal

Glass

Polymer

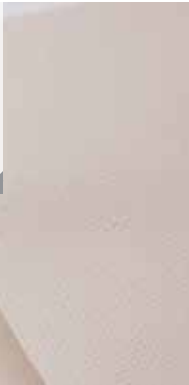
Ceramic

Natural

Process

MC#: 2386-03

Window shading textiles which are PVC and halogen free. This polymer woven fabric is resistant to bacteria and fungi and highly UV resistant with up to 94% light filtration, offering good glare control. Applications: commercial window shading.



MC#: 4732-12

Latex-saturated paper that has a 'powder' and 'rivercord' finish. This material is suitable for screen printing, foil stamping, and blind stamping. Applications include paper stock, packaging, and books.



MC#: 4732-13

Latex-saturated paper that simulates 'carbon fiber' texture, with a proprietary coating chemistry, creating depth and subtle, iridescent luster. This material has good scratch resistance and a high gloss surface. Applications include paper stock, packaging, and books.



MC#: 4732-14

FSC certified dyed-through Kraft paper. This material is suitable for screen printing, foil stamping, and blind stamping. Applications include paper stock, bags, packaging, and books.



MC#: 4961-05

100% post-consumer recycled aluminum from reclaimed aircraft parts. This material is free of volatile organic compounds (VOCs) and is 100% recyclable. Applications include walls and backsplashes.



MC#: 5091-06

Multi-layer hardwood core panel composed of 100% Birch construction with an exposed edge finish. The decorative faces are applied with a soy-based formaldehyde-free adhesive. Applications include furniture, display shelves, and interior walls.



MC#: 5091-07

Veneer core plywood made of sustainably harvested North American Poplar wood with an exposed edge finish. Applications: furniture, display shelves, and interior walls.



MC#: 5153-02

Durable countertop surface made of 75% recycled content such as mirrors, porcelain, tiles, sinks and glass from windows and bottles, which are bound with an environmentally friendly corn oil resin.



MC#: 5498-05

Transparent laminated glass composed of 60% glass, 30% aluminum scrap shavings and 10% laminated film. Applications are for interior and exterior walls, ceilings or flooring in commercial or residential buildings.



MC#: 5712-10

Digitally printed ceramic tiles that resemble natural stones and wood, composed of 44% clay, 40% feldspar, 8% mineral, 5.9% pottery, 2% frit and 0.1% color stain. They offer a highly detailed 3D effect. Applications: interior and exterior wall tiling.



MC#: 5920-02

Solid surfacing material made of 75% SFI (Sustainable Forestry Initiative) certified wood chips and 25% acrylic resin. This rigid panel has high durability and is abrasion resistant. Applications are for wall panels, countertops and furniture.



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MC#: 5960-06

100% latex-free polyurethane foam. They are made with renewable resources and contain less oil-based materials than standard polyurethane foams. Applications: cushioning, filter components, wicking structures, and other consumer products.



MC#: 5981-04

Custom braided elastic tube that is blended with Kevlar® (ballistic and stab-resistant aramid fiber), Nomex® (flame resistant polymer) and PBI® (flame resistant polymer). The woven elastic has no melt/no drip performance with a thinner, flatter design.



MC#: 6106-04

Coated flooring textile composed of 50% organic woven hemp, 35% natural rubber and 15% hemp chips. The textiles are breathable, anti-fungal, and resistant to UV degradation. Applications include flooring.



MC#: 6133-08

Upholstery textile composed of 97% FR (flame retardant) polyester and 3% silver coated nylon filament. With the use of silver in a textile, it reduces the growth of bacteria and fungi. Applications are for contract upholstery.



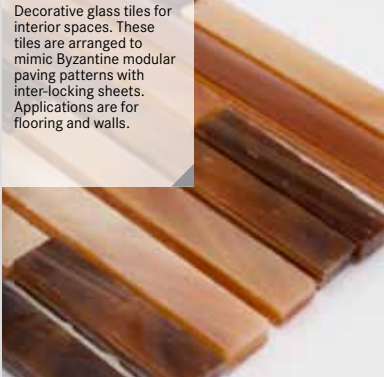
MC#: 6261-03

Glazed, durable clay tiles with a textured surface. These tiles are made of a dense, extruded brick body, suitable for residential and commercial interiors. Applications are for flooring and walls.



MC#: 6261-04

Decorative glass tiles for interior spaces. These tiles are arranged to mimic Byzantine modular paving patterns with inter-locking sheets. Applications are for flooring and walls.



MC#: 6477-04

Non-woven wallcovering that utilizes LEDs and silver ink as a conductive connector. This electrically powered wallcovering can be customized with LEDs added to the paper by the user. Applications include walls and ceilings.



MC#: 6635-03

Felt panel composed of 100% polyester fibers with 60% recycled content. The rigid felt is used for sound and vibration absorbing ceiling and wall coverings with a sound absorption of AS ISO 354-2006 NRC value 0.40. Applications are for ceiling and wall panels.



MC#: 6846-03

Lightly textured impact-resistant rubber flooring. Made from recycled rubber tires, this material is shock absorbent, slip resistant, sound absorbing and resistant to damage from sporting equipment. Applications: interior fitness and sports flooring.



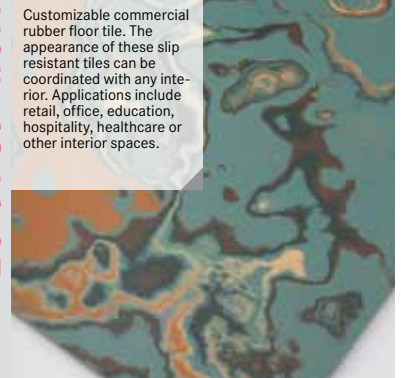
MC#: 6846-04

Slip-resistant rubber floor tile. Used in environments exposed to oil and grease without the need for waxing or sealing, thus reducing life-cycle costs. Applications: interior industrial locations exposed to animal fats, vegetable oils and petroleum products.



MC#: 6846-05

Customizable commercial rubber floor tile. The appearance of these slip resistant tiles can be coordinated with any interior. Applications include retail, office, education, hospitality, healthcare or other interior spaces.





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MC#: 6846-06

Textured commercial rubber floor tiles. The material has inherent slip resistance and low life-cycle costs. Applications include retail, office, education, hospitality, healthcare or other interior spaces.



MC#: 6846-07

Lightly textured impact resistant rubber floor tiles. The interlocking and under-locking tiles require no adhesive when installing. Applications include permanent, temporary or portable flooring for high impact areas.



MC#: 6846-08

Lightly textured rubber floor tiles with a metallic appearance. Compared to more expensive metal flooring, this material is inherently slip resistant, shock absorbent, sound absorbing, non-conductive and low maintenance.



MC#: 6846-09

Lightly textured rubber floor tile with a natural marble appearance. This material is inherently slip resistant, sound absorbing, impact resistant and has low life-cycle costs. Applications include flooring for interior spaces.



MC#: 6906-05

Glazed, porcelain tiles that contain 40% pre-consumer recycled content, contributing to 3-8 LEED credits, depending on the color and its use. Applications are for residential and commercial interiors and exteriors for both floors and walls.



MC#: 6906-06

Glazed, porcelain tiles that contain 40% pre-consumer recycled content, contributing to 3-8 LEED credits, depending on the color and its use. Applications are for residential and commercial interiors and exteriors for both floors and walls.



MC#: 6913-01

Expanded polystyrene (EPS) panels for building insulation with a fiberglass face. These lightweight panels offer high moisture resistance (less than 0.5% by volume), non-degenerative thermal properties and resilience. Applications are for insulation.



MC#: 6916-08

Woven textile composed of 82% leather and 18% polyester with a cotton woven backing. This material is customizable with 76 designs and structures along with 152 color combinations. Applications: accessories, upholstery, wall coverings, and apparel.



MC#: 6923-01

Decorative customizable ceramic wall tiles from natural minerals. These panels are composed of clay, feldspar and silica. Applications include interior/exterior walls.



MC#: 6930-01

Unglazed porcelain tile composed of clay, sand and feldspar. It is GREENGUARD Children & Schools Certification Program Air Quality CertifiedSM. Applications are for residential and commercial interiors and exteriors for both floors and walls.



MC#: 6930-02

Unglazed porcelain tile composed of clay, sand and feldspar. The tiles are offered with a protective finish consisting of photocatalytic TiO<sub>2</sub>, which features a self-cleaning effect. Applications: residential and commercial interiors and exteriors for both floors and walls.



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MC#: 6930-03

Porcelain tile composed of clay, sand and feldspar that resemble the look of aged wood. The tiles are crack and mold resistant, heat and frost proof bonded with no artificial additives and no VOC emissions.



MC#: 6930-04

Unglazed porcelain tile composed of clay, sand and feldspar. The tiles are crack and mold resistant, heat and frost proof bonded with no artificial additives and no VOC emissions. Applications are for residential and commercial interiors and exteriors.



MC#: 6931-01

Handmade rugs from 100% organic Tibetan wool that is free of synthetic chemicals. The wool is sorted by hand into strands of similar tone before it is woven. Applications include residential and contract interiors.



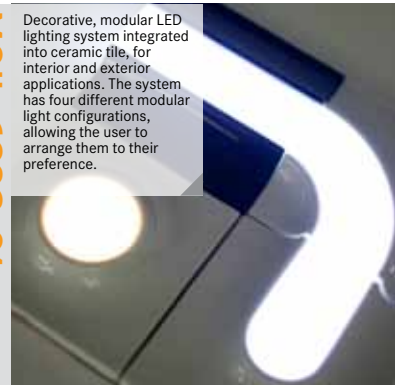
MC#: 6931-02

Handmade rug collection from organic and natural materials that is free of synthetic chemicals. These rugs include fibers from nettle, bamboo, cactus, hemp, flax, silk or various combinations of these fibers. Applications include residential and contract interiors.



MC#: 6932-01

Decorative, modular LED lighting system integrated into ceramic tile, for interior and exterior applications. The system has four different modular light configurations, allowing the user to arrange them to their preference.



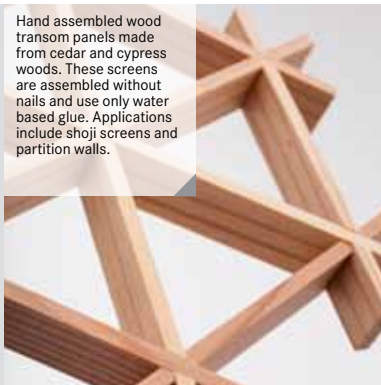
MC#: 6933-01

Porcelain ceramic tiles composed of 54% clay, 45% feldspar and 1% pigment. These tiles are abrasion resistant, non-combustible, do not give off VOCs, frost resistant, have 0.5% water absorbency with thicknesses up to 15 mm for high traffic areas.



MC#: 6934-01

Hand assembled wood transom panels made from cedar and cypress woods. These screens are assembled without nails and use only water based glue. Applications include shoji screens and partition walls.



MC#: 6935-01

Thermoformable paper sheets composed of 100% bleached virgin fibers that are approved for contact with food and can be coated with a wide range of films to protect against light, moisture, bacteria and other impurities.



MC#: 6936-01

This rigid, large format panel is a polymer based foam sheet used as an alternative to plywood and MDF in construction. It comprises a combination of a number of different recycled polymers pressed into a porous core and solid, waterproof face.

