



RECYCLED-CONTENT PRODUCTS/MATERIALS FOR CONSTRUCTION PROJECTS

Our priorities include efforts to divert various materials out of the landfill waste stream into productive uses. Thank you for considering opportunities to use recycled-content products in your projects. Here for your consideration is product information along with company contact information. Included in this document are three categories of products:

- I. Products from recovered carpet materials featured in a 2010 SPU webinar --
 - A. Absorbent materials (e.g., synthetic hay bales and filters and booms)
 - B. Composite board panels (e.g., decking and sheeting materials)
 - C. Fiber for reinforcement of concrete, asphalt and plastic products
 - D. Products made from latex & limestone derived from recycled carpet (e.g., concrete, stucco)

- II. Products made from recovered carpet materials featured on the Carpet America Recovery Effort (www.carpetrecovery.org) website --
 - A. Block flooring
 - B. Sound barriers and landscape wall systems
 - C. Chambers and drainage systems¹

- III. Products made from recovered materials other than carpet
 - A. Filtration products
 - B. Recycled rubber products
 - C. Hot-mix asphalt from roofing shingles
 - D. Composite boards from LLDPE and wood chips, etc

¹ The Infiltrator Systems chambers were made using recovered carpet materials but the company has switched to using another recycled feedstock at times.

I. PRODUCTS FROM RECOVERED CARPET MATERIALS

A. ADSORBENT AND ABSORBENT PRODUCTS

Available from: GeoHay

Website: <http://www.geohay.com>; also check:

http://www.carpetrecovery.org/CarpetProduct_Webinar.php

Partial list of products: Synthetic hay bales and filters, storm water sewer protection, gutter guards, subsurface water movement and control, and hydrocarbon spill absorption and spill control

GeoHay is a line of barrier filtration products which aid in the control of erosion and sediment. These products are produced with 100% recycled carpet fibers and can be reused over and over again and is an alternative to silt fence or natural hay bales. Products are produced in standard sizes, but can also be ordered to fit the specific needs of the customers. All GeoHay products come with pre-cut stake holes for easy installation and are non-biodegradable. GeoHay is currently being proposed as part of the remedy for the clean up in the Gulf.

All GeoHay products:

- Made from 100% recycled synthetic fibers
- Pre-cut stake holes for easy installation
- Proven more effective than natural hay bales and silt fencing
- More cost efficient than silt fencing and natural hay bales
- Reusable
- Non-biodegradable
- Durable
- Patented

GeoHay products have been certified by the Department of Transportation from 25 states, including Oregon. Other state certifications are pending. See full list at: <http://www.geohay.com/>.

Also available on CARE website: Technical Specification for Erosion Abatement

Contact Information:

Tim Stillwell, Director of Sales & Marketing

P.O. Box 160040

Spartanburg, SC 29316

Telephone USA: Toll Free 800-554-2082



B. COMPOSITE BOARD PRODUCTS NyloDeck, NyloTrim, NyloFloor, Sheet Goods

Available from: Nyloboard, LLC

Website: www.nyloboard.com; also http://www.carpetrecovery.org/CarpetProduct_Webinar.php

Company/Product Description:

- Nyloboard is a green technology manufacturer of an innovative recycled board. Opened in 2003 in a 200,000 square foot manufacturing facility and is located in Covington GA just outside of Atlanta, the carpet capital of the world
- **Nyloboard products are Sustainable**
 - Key component used to manufacture Nyloboard is 100% recycled carpet fibers
 - VOC Free Resins
 - Also...Contributes to LEED® points
- **Nyloboard products are Versatile**
 - Wide array of uses
 - No special tools required
 - Handled like traditional wood building products
 - Superior screw retention and stronger nail withdrawal resistance
- **Nyloboard products are durable**
 - NO Wood
 - Moisture Proof
 - Mildew Proof
 - Mold Proof
 - Rot Proof
 - Termite Proof
 - 30 year warranty
- **Nyloboard customers** include, marine, government buildings, signs, decking, parks and homeowners.

Contact Information:

Kevin Guthard, VP Operations

Phone: 770-385-616

Email: Info@nyloboard.com



C. FIBER FOR REINFORCEMENT OF CONCRETE, ASPHALT AND PLASTIC PRODUCTS

Available from: NyconG

Website: <http://www.nycon.com>

Also check: http://www.carpetrecovery.org/CarpetProduct_Webinar.php

Also available: Pdf of marketing flyer and MSDS sheet

Company/Product Information: NyconG is a patented* reclaimed nylon which has tremendous benefits when mixed in concrete. The trilobal design gives the concrete more surface area to grip than with circular fibers. Also, nylon has a higher tensile strength than polypropylene. Other benefits:

- NyconG meets requirements for plastic and drying shrinkage in accordance with AC32
- NyconG meets requirements for synthetic fiber in accordance with ASTM C1116
- NyconG is made from
- 100% post-consumer reclaimed nylon and is LEED credits applicable.

Contact Information:

Paul Bracegirdle, Executive VP

Phone: 800-332-7090

Email: pbracegirdle@nycon.com

NYCON
REINFORCING FIBERS

NyconG



D. PRODUCTS MADE FROM RECYCLED CARPET BACKINGS (latex & limestone)

Available from: Polar Materials Inc. /Vitro Minerals

Website: no website but check: http://www.carpetrecovery.org/CarpetProduct_Webinar.php

Types of Products Available:

Concrete Sand

Stucco, Block, Cast Stone

- Recycled carpet backing sized as concrete sand.
- Improves properties of concrete materials.
- Improved flexural and tensile strength, reduced shrinkage cracking.

Asphalt Roof Coatings

- Post consumer filler
- Reinforcing
- Durable

Contact Information:

Joe Keating, President

Phone: 678-729-9333

Email: keating@vitrominerals.com



**I. PRODUCTS MADE FROM RECOVERED CARPET MATERIALS
(FEATURED ON THE CARE WEBSITE WITH LIMITED INFORMATION)**

A. BLOCK FLOORING

Available from: Kaswell Flooring System

Website: <http://www.kaswell.com/fibreblock.htm>

Company/Product Description: Waste generated from the manufacture of commercial nylon carpet is extruded into log-shaped lengths then cut into blocks to create an advanced concept in "unit-type" industrial -- and commercial -- block flooring. Fibre(B)lock has the wearing qualities of tough, durable, and long-lasting End-Grain Wood Block but without its susceptibility to damage from moisture. And **Fibre(B)lock**® provides the comfort and resilience that polymer block and other stone-like products lack.



To see a list of customers that chose Fibre(B)lock® flooring, visit the **customers** section.

To learn more about Fibre(B)lock® flooring, visit the Fibre(B)lock® **fact sheet**.

Contact Information:

Kaswell Flooring Systems

39 Loring Drive

Framingham, MA 01702

Phone: 508-879-1500

Fax: 508-820-0841

Email: nkaswell@kaswell.com

B. SOUND BARRIERS AND LANDSCAPE WALL SYSTEMS

Available from: I-Rock Composites

Contact Information:

Adam Genei

586-747-4206



C. CHAMBERS AND DRAINAGE SYSTEMS²

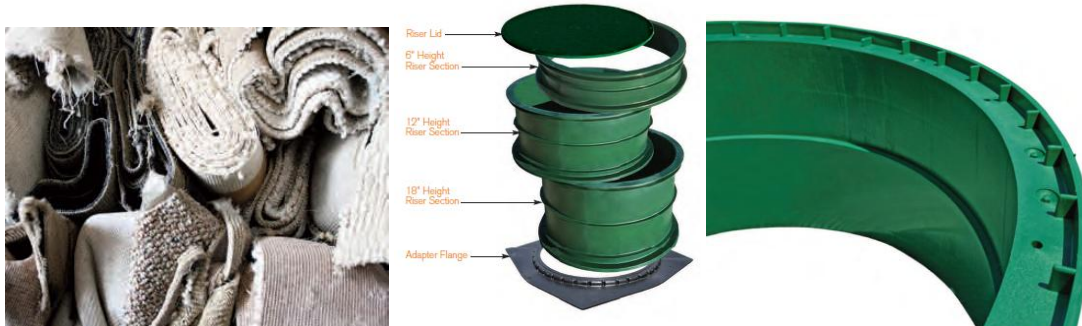
Available from: Infiltrator Systems

Website: http://www.infiltratorsystems.com/pdfs/L01_ProductCatalog.pdf

Company/Product Information: Infiltrator Systems Inc. (ISI) manufactures a wide array of chambers and drainage products. It also manufactures TW-Risers made from glass reinforced polypropylene, providing superior strength and durability. They come in green or black and in 20", 24", and 30" diameters making them ideal for use with any concrete or plastic tank. The slip resistant lids are fastened using stainless steel screws and are further secured by indexing structural ribs which lock the riser into place.

Contact Information:

Phone: 404-867-4732



² The Infiltrator Systems chambers were made using recovered carpet materials but the company has switched to using another recycled feedstock at this time.

II. PRODUCTS MADE FROM OTHER RECOVERED MATERIALS

A. FILTRATION PRODUCTS

Available from: Eco-Tec, Inc. -- "Adsorb-it"

Website: www.adsorb-it.com

Company/Product Information: Remove Oil, Oil Sheen, Oil-Borne Contaminants and Suspended Solids from Water. "Reusable Products. Made From Waste. Used to Clean the Environment."

Contact Information:

Herb Pearse, President

Phone: 888-668-8982

Email: herb@eco-tec-inc.com



- B. Recycled rubber products including rubber edges for wheel loaders and small equipment, rubber bumpers, and roll-off wheels.**

Schuyler Rubber

Phone: 1-800-426-3917; 425-488-2255

<http://www.rubbercuttingedge.com/>

- C. Hot-mix asphalt from roofing shingles – City of Seattle collaborated with King County “LinkUp” program to develop markets for these recycled materials.**

<http://your.kingcounty.gov/solidwaste/linkup/shingles/index.asp>

- D. Utility board, underlayment, fencing from plastic film and wood chips, substitute for plywood or underfloor, etc. This is a new company in Elma, WA.**

Lincoln Ferris, Vice President for Strategic Development

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