Recycled Products

Company:
Buck Knives
(Post Falls, Idaho)
www.buckknives.com

Product:
EcoLite knife

Recycled content:
Handle made from 100 percent post-consumer paper and phenolic resins

Target market:
People who need sharp objects.

Buck Knives have long been fixtures on the belts and in the pockets of rugged, outdoorsy types. Now, the Post Falls, Idaho manufacturer of the blades is reaching out to the eco-minded portion of that demographic, and offering a line of environmentally-minded cutlery. The company's EcoLite knives are meant to incorporate the durability and versatility long associated with Buck, while also featuring handles made out of a unique blend of post-consumer material.

All of the handles on the EcoLite line are made from PaperStone, a 100-percent post-consumer material, which is virtually waterproof and is often used in countertops. PaperStone is made from recycled paper that has been mixed with a phenolic petroleum-free resin, extracted from raw materials such as cashew nut shell liquid. After the paper has been mixed with the resin, it's heated and compressed to form a hard substance. It has been certified by the Forest Stewardship Council, Smartwood and the Rainforest Alliance as environmentally sustainable.

Made in the U.S., the EcoLite line includes traditional pocket knives that Buck is known for, as well as including blades more suitable for needs in the kitchen. Also available is the Metro (pictured), which is small enough to fit on a key chain. The knife has a one-eighth inch stainless steel blade, weighs a little over an ounce and includes a bottle opener.

Company:
Trelleborg Marine Systems
www.trelleborg.com
(Clearbrook, Virginia)

Product:
SeaTimber and SeaPile

Recycled content:
100 percent recycled PET

Target market:
Construction companies working in marine environments.

Trelleborg Marine Systems manufactures SeaTimber and SeaPile, a construction material made from recycled HDPE for marine, wetland and other damp or extreme environments. Unlike traditional materials like wood, steel and concrete, SeaTimber does not rust, rot, decay or support fungal growth. What's more, according to Trelleborg, it doesn't leach toxins and is impervious to marine borers. The material is also designed to endure heavy impacts by absorption of energy through recoverable deflection. The company suggests that they would be well-suited for fenders in marine structures or for buildings used in coastal protection. They are

also used in structural piles, bridge protection, corner fenders, navigation markers and bull rails. One of the more notable uses of the material is at the base of the Bay Bridge, linking San Francisco to Oakland.

For heavier applications, SeaTimber is strengthened with fiberglass-reinforcing bars and the stiffness can be adjusted depending on the project. The structural properties can also be adjusted depending on the size and number of bars in the structure being built. They can be pile driven, sawn or drilled. They also have a low friction coefficient, come in unlimited lengths and custom colors are available. The material has a tough outer shell and the plastic has been treated with anti-oxidants and ultraviolet inhibitors to provide extra durability. As an added bonus, at the end of their use, SeaTimber can be recycled.

Company:
Clothes Made from Scrap
(Orlando, Florida)
www.clothesmadefromscrap.com

Product:
Clothing and bags

Recycled content:
Up to 100-percent recycled PET and cotton scrap

Target market:
General consumer

As its name suggests, Clothes Made from Scrap (CMS) offers clothes made from scrap materials. The company, founded in 1995 by Graham Jarret, is built on a vision of apparel and accessories that are both friendly to consumers and the environment. CMS makes t-shirts, polo shirts, caps, bags, aprons and other items from 100-percent recycled PET and recovered cotton. According to the company, it takes five two-liter bottles to make one XL t-shirt. All are made in the U.S.

CMS aims to keep plastics and scrap cotton out of landfills while making its wares. Its t-shirt is a cotton/polyester blend made by re-using cotton scrap from manufacturing floors as well as the recycled PET. CMS' products can be embroidered with one of the company's original designs, with artwork from a customer or other custom images. The t-shirts made by CMS are designed to be durable with minimal shrinkage.