

BIO-LUMINUM™

COVERINGS ETC

STANDARD



Bio-Luminum

OVERVIEW

From flight to fancy, Bio-Luminum™ tiles are made from retired airplanes. Bio-Luminum™ is a sustainable design solution which closes yet another loop. The strength of aircraft aluminum makes this durable tile suitable for high-traffic flooring as well as high-end wall treatments. Made of 100% recycled aircraft aluminum. This future friendly product may help contribute to LEED credits with USGBC project certification. Certified Cradle to Cradle.

AVAILABLE SIZES

Tiles

6"x12"x1/8"

3"x6"x1/8"

3"x12"x1/8"

FINISH

Industrial

CONTENTS

100% recycled aircraft aluminum

FEATURES

Eco-Friendly, easy maintenance, simple Installation, may contribute to LEED points MR 4.1 and MR 4.2, reversible (beveled or no bevel)



- * Approximate laboratory test values.
- * Colors may not print accurately. Please request sample.
- * Recycled content may cause slight color variation.



COVERINGSETC

INTRODUCING BIO-LUMINUM™

OVERVIEW

Miami FL, 2010 - CoveringsETC, manufacturer of the Cradle-to-Cradle™ product Bio Glass™, adds to their line-up of 100% recycled-100% recyclable sustainable surface materials with Bio-Luminum™.

Born of an unexpected source, the aluminum in these unique tiles comes from reclaimed aircraft parts. Throughout the world there are thousands of airplane graveyards and abandoned military maneuver sites which, thanks to the efforts of the clean-up organizations that work with CoveringsETC, provide the raw material for this recycling.

Until now, aircraft aluminum has been left to the “bone yards” for lack of ways to successfully repurpose it. The alloys used to make aircraft aluminum strong render it impossible to recycle in the same manner as cans or other aluminum products. However, CoveringsETC is able to melt the reclaimed aluminum into a block which is then sliced into tiles (much like a quarry would slice stone). This process using clean-tech procedures results in a very distinct, almost industrial aesthetic to the aluminum tiles.

CoveringsETC is responsible for pushing-forward the process to turn this unusable aluminum waste into a viable product and CoveringsETC is working to find uses for other materials abandoned at these sites. Not only is Bio-Luminum 100% post consumer recycled aluminum but it is 100% recyclable. To support the company’s belief in Cradle-to-Cradle™ (full circle recycling) CoveringsETC is initiating a buy-back program so that customers that no longer need the aluminum tiles can sell them back at raw material cost. CoveringsETC has practiced the principles of clean-tech operations in the manufacturing of all it’s products - the energy used in recycling aircraft aluminum is 5% of what would be used during first generation aluminum production. Reducing energy consumption by 95% greatly reduces factory emissions. While many recycled aluminum products contain large amounts of first generation aluminum Bio-Luminum is made of 100% recycled content and is unique in its use of aviation aluminum.

The strength of aircraft aluminum makes Bio-Luminum a durable tile suitable for high-traffic flooring as well as striking and innovation wall treatments. Bio-Luminum is now available nationwide; for a showroom or sales representative in your area, visit www.CoveringsETC.com. CoveringsETC is a manufacturer and distributor of sustainable hard surface finish materials for floors, walls and counters. CoveringsETC operates showrooms in Miami, New York-SOHO, Palm Beach and Washington DC; warehouses in Miami and Jersey City; and a logistics center in Italy.

In addition to Bio-Luminum, the company offers sustainable materials in the ECOVERINGS collection:

Bio Glass™ - a beautiful slab glass product made of 100% recycled /100% recyclable glass from bottles.

Eco-Cem™ - a fiber cement product suitable for walls, flooring and worktops, a proprietary mix of concrete with pre-consumer recycled fly ash, and post-consumer recycled cellulose fiber.

Eco-Terr™ - pre-cast terrazzo tiles and slabs in an array of contemporary colors giving a green alternative to poured terrazzo.

Eco-Gres™ - contemporary porcelain tiles and mosaics made of reclaimed porcelain dust.

FOR IMMEDIATE RELEASE

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INSTALLATION GUIDELINES

Bio Luminum tiles are made of recycled aluminum from aircraft and contain a variety of alloys making them strong and durable.

PREP ...

The tiles are beveled on one side and have a straight edge on the other allowing the purchaser to determine which side they would like to face out.

First determine what side is to face out and what pattern (running bond, grid, other). Determine whether the Bio-Luminum™ tiles will be butt jointed or installed with a grout joint.

Clean tiles thoroughly. Use a metal cleaner, rinse and dry before installing.

Clean the substrate free of oils and dirt.

KEEP AREA VENTILATED DURING INSTALLATION.

INSTALL ...

Cuts are easily made with a tile saw /cutter with a metal cutting wheel and grinder.

Installation can be made with a liberal, thin coating of silicon adhesive. For exterior installation, use a silicon adhesive plus 3M recommends using "VHB" (very high bonding) tape

Tiles are not pre-sealed. Aluminum can tarnish or slightly discolor if not sealed or waxed. There are a variety of metal sealers available and commercial metal wax is also a good sealer. Select the appropriate sealing method for the location of installation. Sealing is not required.

Grouting is optional. Tape the tiles before grouting to speed clean up