

A highly-mineralized barrier coating alternative to traditional plastic coatings for paper-based packaging applications

EarthCoating® may be used to produce a variety of paper-based barrier packaging including paper cups, labels, folding cartons, food trays and more. By using EarthCoating® as an alternative to traditional plastic coatings, paper packaging becomes easy for recyclers to process into recycled paper using conventional recycling equipment and uses 51% less plastic.

Environmental gains

- Paperboard packaging made with EarthCoating® may be easily pulped into recycled paper using conventional recycling equipment
- EarthCoating® Uses 51% less plastic than traditional plastic coatings
- Post-consumer closed-loop collection programs available in select cities

Performance benefits

- Waterproof
- Grease proof
- Superior Heat seal closure compared to PE
- High quality print surface
- Runs at commercial line speeds

Economic metrics

- Low cost barrier coating alternative to PLA
- Superior performance leads to source reduction which results in potential savings
- Valuable post industrial trimmings sought after by recyclers at a premium

Product comparison

When deciding on which barrier coating to make use of for your packaging, there are three main areas of importance to consider:

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	Performance	Environment	Economics
EarthCoating®	✓	✓	✓
Polyethylene	✓	✗	✓
PLA (Bio-resin)	✓	✓	✗
Aqueous	✗	✓	✓

Paper Cups



Paper cups made with EarthCoating® may be easily pulped into recycled paper using conventional recycling equipment. They look, feel and perform the same as traditional paper cups.

Labels



High performance, low cost wet-strength labels that stay on your bottle longer in ice-bucket and high humidity conditions.

Folding Cartons



Folding cartons made with EarthCoating® provide superior barrier performance and heat seal closure compared to traditional poly-coated paper cartons.

Food Trays



Food trays made with EarthCoating® offer strong moisture, oil, grease and fatty acid barrier performance while using 44% less plastic than traditional poly-coated paperboard materials.

Paper-based barrier packaging made with EarthCoating® is available now.

Contact:

Todd Gasparik, VP of Business Development

Smart Planet Technologies

✉ Todd@SmartPlanetTech.com

🌐 www.SmartPlanetTech.com

☎ 949.610.7063