



earthboard®

eco-smart packaging technology
patent pending earthboard.net

EarthBoard® is an eco-smart composite material comprised of an innovative mineral based surface on 100% recycled, 35%+ post-consumer fiberboards. With its bright, white, premium printability & high performance barrier properties, EarthBoard® creates an opportunity to produce high-end packaging using less expensive, unbleached fiberboards.

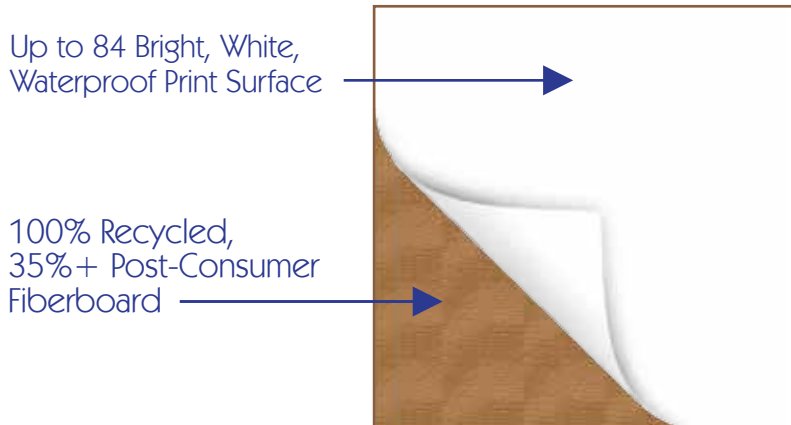
Overview

EarthBoard® is a bright, white 100% recycled 35%+ post-consumer fiberboard composite material that delivers premium printability comparable to that of bleached virgin fiberboards as well as barrier performance against moisture, oil, grease and fatty acids.

Performance Specifications

Brightness %	78-84
Gloss Value %	6
Opacity %	90
Roughness-UM	3
Surface Resistance	S10 ¹¹

Composite Material Layers



Printability

EarthBoard® offers up to 84 bright, white premium print surface which delivers photo-quality graphics and vibrant images.

Barrier Characteristics

The EarthBoard® print surface is waterproof and provides up to a 60% better MVTR (moisture vapor transmission rate) performance than standard 100% polyethylene coatings. EarthBoard® also delivers enhanced barrier properties against oil, grease and fatty acids.

Machinability

EarthBoard® may be universally die-cut, glued and folded using existing converting machinery and printed using standard offset, flexo-graphic, digital, and roto-gravure printing techniques.



To learn more about EarthBoard®, contact Todd Gasparik at Todd@SmartPlanetTech.com