



**New for  
2008**



**Go Green with Eco-Resin  
by *Pepco!***

Going "GREEN" is a very popular trend for schools today – as it should be! Pepco is pleased to announce a certified renewable and sustainable product for worksurfaces in schools. Able to be utilized throughout a school building, ***Eco-Resin*** by Pepco is a durable, chemical, stain, and scratch resistant solid phenolic resin panel. Made from *recycled paper* (post consumer cardboard) that is infused with *water-based* phenolic resins utilizing **ZERO** petroleum products, Eco-Resin yields no detectable free formaldehyde when finished. The end result is an FSC (Forest Stewardship Council) certified product approved by the SmartWood and Rainforest Alliance. Eco-Resin is also FDA approved for use in food service areas. Specifications include less than 1% water absorption and a compressive strength of 45,000 psi.

Eco-Resin's color variation is a natural characteristic. No chemicals are added to stabilize or enhance the color. Although the color is all the way through, areas with heavy use will develop a seasoned appearance or wear which presents itself as added luster. The color will deepen in tone over time and may take a couple of years to complete. The appearance of the black surface resembles solid epoxy in matte finish and "blackness". The surface has a mottled appearance which patterns the paper's striations lengthwise. The very slight texture will become smoother with wear.

Eco-Resin rounds out our top quality line of solid core table tops, countertops and worksurfaces.



Call our office today and let us help you green up your facility!

Pepco, Inc. 1929 County Road 1510, Moberly, MO 65270 800-568-1067 800-881-3806 (fax)  
Website: [www.pepcoinc.com](http://www.pepcoinc.com) Email: [info@pepcoinc.com](mailto:info@pepcoinc.com)



# Eco-Resin™

## Panel Specifications

Panel thicknesses available: 1/2", 5/8", 3/4", 1", 1.25"  
Panel sizes: cut and profiled to order at Pepco Manufacturing  
Colors available: black, gray, brown, green, red, straw, blue  
(Black is our stock color, others are special order only)

## Eco-Resin is a Thermal Phenolic Fiber Composite (aka Solid Phenolic Resin)

Other key specifications:  
Water absorption (by weight) = 0.82%  
Density (g/cm<sup>3</sup>) = 0.7402%  
Internal Bond (psi) = 1,225 lbs  
Hardness Test = 47 (avg) Barcole Meter  
Impact Strength = 3 ft lbs per inch of width  
UV Exposure = slight darkening

## LEED Certification Information

(Leadership in Energy and Environmental Design)  
Eco-Resin qualifies in several categories for points.

Including (but not limited to):

- Recycled Content*
- Local Regional Materials*
- Rapidly Renewable Materials*
- FSC Certified Wood Materials*
- Low or No VOC Emitting Materials*

## Environmental Impact Statistics

A 1" by 60" x 144" panel of Eco-Resin (versus a regular phenolic resin panel manufactured from virgin fiber and regular solvent based resins) **SAVES:**

- ◆ 1233 gallons of water
- ◆ 2.03 million BTUs of energy
- ◆ 131 pounds of solid waste
- ◆ 254 lbs of greenhouse gases
- ◆ 55 pounds of petroleum-based phenol
- ◆ 22 pounds of natural gas-based methanol

Eco-Resin by Pepco, Inc.—800-568-1067-[www.pepcoinc.com](http://www.pepcoinc.com)

