

green manufacturer

Your guide to adopting green manufacturing practices



publishing affiliate of the Fabricators & Manufacturers Association, International

Mitigating heat and cold, north to south

Chlorinated solvents in the loop

Making green power pathways

Window-maker replaces coal-fired steam with biomass, heat recovery

Chuck LeRoux opens window of opportunity for Andersen

Insulation coating increases thermal resistance of windows, walls



Industrial Nanotech Inc.'s Nansulate® Energy Protect™ clear thermal insulation and mold-resistant coating is manufactured to insulate and reduce energy

use. The liquid coating is designed to increase thermal resistance of windows, walls, ceilings, and skylights in commercial buildings and facilities.

The coating can be used over surfaces without changing their look and also can be painted over with another water-based paint. On windows, the coating allows approximately 92 percent of visible light through and frosts windows for security. It can be used over many building surfaces such as brick, dry-wall, finished walls, wood, stucco, and concrete.

This nanotechnology-based coating is nontoxic, low odor, and low VOC and

is applied with standard paint sprayers, rollers, or brushes. It insulates surfaces while also protecting them from mold growth, moisture, and UV light. It is suitable for indoor or outdoor use and can be used as retrofit insulation for older buildings and solid-wall construction. The average reported energy savings is 15 to 30 percent, states the company.

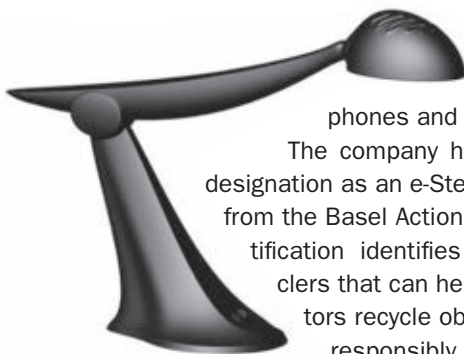
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LED task lighting produced from recycled e-waste

LittleFootprint™ Lighting manufactures sustainably designed LED task lighting products from recycled materials, including plastic and steel from e-waste, such as cell phones and computers.

The company has earned official designation as an e-Stewards® Enterprise from the Basel Action Network. The certification identifies electronics recyclers that can help e-waste generators recycle obsolete electronics responsibly.



The manufacturer reports that products designed from recycled materials require less energy to produce than those made from virgin materials. By sourcing its materials in California, the company saves energy by reducing transportation costs as well.

The LED bulbs use less energy than incandescent, halogen, or compact fluorescent bulbs, and they last longer as well, states the company. They also produce less heat, helping to reduce the need for air conditioning.

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