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Architectural Products Update



Concrete Log Homes

EverLogs™ provide a long-lasting alternative to wood logs for construction of homes and commercial buildings. Made of reinforced, insulated concrete, the building system matches the character and texture of wood logs while providing resistance to fire, insects, and decay. In addition to having high thermal mass, each "log" contains two inches (five centimeters) of insulation. Assembly by EverLog Systems ensures an exacting fit, further reducing heating and cooling costs compared to those of wood log homes. Log packages include erection costs. Can be manufactured to specification. Available in a variety of textures and natural wood colors.

everlogs.com

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FSC-Certified Bamboo Plywood & Flooring

Smith & Fong Co. introduces a line of Plyboo® bamboo architectural plywood and flooring products that are Forest Stewardship Council (FSC)-certified. The manufacturer has established a responsibly managed bamboo forest resource that qualifies the product line for the FSC Pure designation, since the products consist of 100-percent FSC material from an FSC-certified forest, and they have been sold and/or processed by an FSC chain-of-custody certified



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company. In addition, the manufacturer's bamboo sources use no irrigation, pesticides, or fertilizers. Can contribute to LEED credits: MR 6: Rapidly Renewable Materials, MR 7: Certified Wood, and EQ 4.4: Low Emitting Materials (no added formaldehyde).

plyboo.com



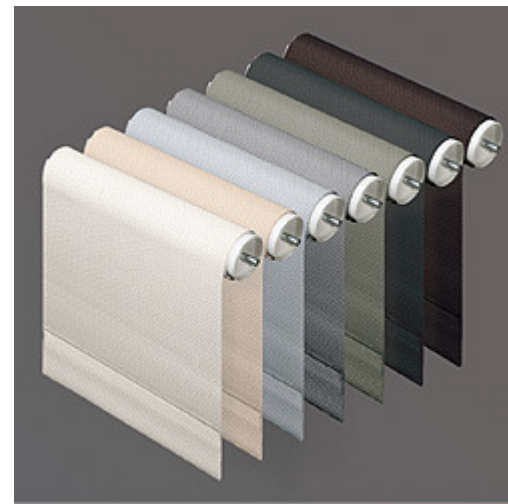
Wood Finish from Whey

PolyWhey™ wood finishes from Vermont Natural Coatings are formulated using whey protein, a natural by-product of the dairy industry, as the bonding agent. The finishes are very low in volatile organic compounds (VOCs) — at or below 180 grams per liter — helping protect indoor air quality. These scratch-resistant clear finishes cure twice as hard as the average water-based finish and do not yellow in UV light. Excellent flow and great coverage. Dry in two to three hours. Available for floors or furniture. Can contribute to LEED credits.

vermontnaturalcoatings.com

Green Shading System

The Mecho®/5 manual solar shading system with EcoVeil® shade cloth is Cradle to Cradle™ silver-certified. The non-PVC screen cloth can be reclaimed and recycled, and is durable, washable, anti-microbial, and flame-retardant. It has a core of thermoplastic olefin (TPO) fiber filaments, with a TPO coating. Available in a range of colors. Solar-shading systems reduce solar heat gain and glare while transmitting daylight, thus facilitating increased building energy efficiency and occupant comfort. Mecho®/5 is one of the chain-driven roller screen systems available from MechoShade Systems.



mechoshadesystems.com



Integrated HVAC System

The Matrix Total Home System from NY Thermal Inc. is a single appliance that combines heating, water heating, and heat-recovery ventilation. The system includes a condensing water heater, condensing furnace, condensing boiler, and heat-recovery ventilator. It is also prewired for air conditioning. Compared to conventional natural gas furnaces and water heaters, the device is 60 percent more efficient in heat recovery, 30 percent more efficient in water heating, and is more efficient in space heating. It also uses less electricity than the total consumption of the component appliances in a conventional configuration. Exceeds the Canadian Standards Association (CSA) P.10 performance standard for integrated mechanical systems.

ntimatrix.com

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