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GreenBuilder®

DEFINING GREEN

THE HOT 50

Cutting-Edge Green Products
For Today's New Homes
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BUILDING ENVELOPE

Quality building techniques and proper air sealing result in right-sized HVAC equipment, which leads to a reduction in utility bills for home buyers. Green builders can also save by choosing products that use resources efficiently such as optimum value engineering or panelized walls to reduce costs for labor and disposal fees.

10 JetProducts offers four interior and exterior product lines made from magnesium-oxide (MgO) as a replacement for standard Portland cement board materials. Magnesium cements use a lower heating temperature during manufacturing that requires 20%-40% less energy to produce than conventional Portland cement-based products. The structural sheathing, tile-backer, fascia, soffit, and finish trim are fire-, mold-, insect-, moisture- and fire-resistant. Detailed product specification sheets, installation guidelines, warranty information as well as ASTM test reports are available on the company's website. 877-453-8868 www.jet-board.com

11 iLevel NextPhase JobPack Framing allows iLevel dealers to deliver pre-cut JobPack joists and other floor framing members ready to be assembled directly to the job site. One way builders can control expenses is through improved construction efficiency. This streamlined production process is designed to help builders substantially reduce jobsite waste while saving time and money on disposal fees. NextPhase JobPack produces precision trim framing members within $1/16$ " of builders' specifications then label them for identification and installation. 888.453.8358 www.ilevel.com/nextphase

12 Clover Creek Brick Tumbled Thin Brick modular line of thin bricks have a face size of $2\ 1/4"$ X $7\ 5/8"$ X $1\ 1/2"$ and can be used for interior and exterior applications. They are available in six finishes. The lighter weight product has a lower embodied energy than standard brick—it requires less shale to produce, less energy to fire, and costs less to transport. The company reports that their product saves 234,900,000 BTUs over standard brick production for a 3,000- square-foot home installation. 270.788.3535 www.clovercreekbrickcompany.com

13 Premier Building Systems SIPs are strong, straight, and predictable for floor, wall, and roof framing. They consist of a layer of EPS (expanded polystyrene insulation) sandwiched between two layers of OSB and create a virtually airtight building envelope that can reduce the size of HVAC equipment and help homeowners save between 40% and 60% on their heating and cooling costs. The pre-manufactured panels arrive at the job site ready to install and are also 100% recyclable; the EPS foam is made from recycled content. In addition, Premier Building Systems offers FSC-certified OSB, as well as a zero-VOC mastic for its SIPs. 800.275.7086 www.pbssips.com

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