



Prototypes

The following products and technologies, currently in development for the A&D market, impressed and inspired our jury with their innovation, creativity, and potential.

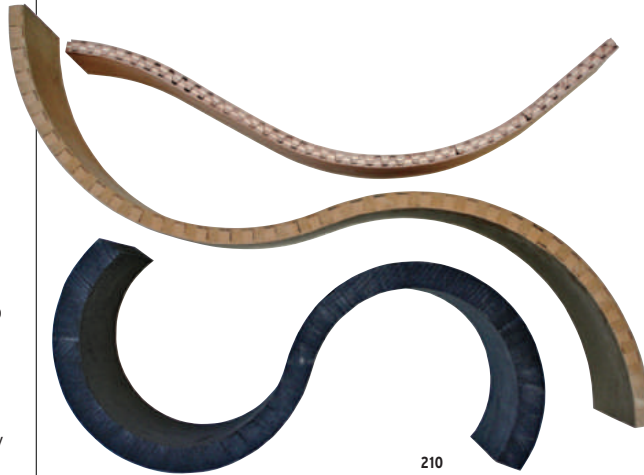
Zippy design Schindlersalmerón, a Swiss furniture design company founded by architects Christoph Schindler and Margarita Salmerón Espinosa, is collaborating with the Hamburg School for Timber Technology to further develop Zipshape, a computer-aided fabrication method to create single curved panels from any bendable material without molds. A unit consists of two individually slotted panels that interlock when bent to the predefined curvature. schindlersalmerón, Zürich. www.schindlersalmeron.com **CIRCLE 210**

Fresh face Designer Alexa Lixfeld experimented with temperature, molds, and the basic ingredients of concrete to develop Creacrete, a dense, permanently glossy material that can be less than 3 mm thick. Abrasion- and acid-resistant, Creacrete is an alternative to ceramics for floor and wall coverings, decorative objects, and facades. Alexa Lixfeld Design, Hamburg, Germany. www.alexalixfeld.com **CIRCLE 211**

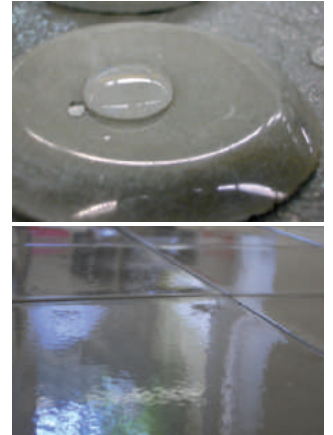
Night light The Solar Tree was originally designed by Ross Lovegrove and manufactured by Artemide (in cooperation with Sharp Solar) to be exhibited outside the MAK museum in Vienna. Developed as a experimental urban-lighting project, the structure consists of 10, 18' tall curved steel poles topped by "heads" housing photovoltaic cells and LEDs. It should be available by mid-2009. Artemide, Farmingdale, N.Y. www.artemide.com **CIRCLE 212**

Sunny facade Greenpix, designed by architect Simone Giostra, is both a glass curtain wall and display featuring 2,400 LEDs. The project, developed with the German photovoltaic firms Schüco and Sunways for Beijing's Xicui Entertainment Center, uses solar energy to fuel a massive multicolored display at night. Arup helped Giostra engineer the system, which uses laminated polycrystalline embedded in the curtain wall. Schüco USA, Newington, Conn. www.schueco.com; Sunways, Konstanz, Germany. www.sunways.de **CIRCLE 213**

"Ross Lovegrove's exuberant solar tree is a terrific design concept for limited, site-specific urban environments." ANITA JORGENSEN



210

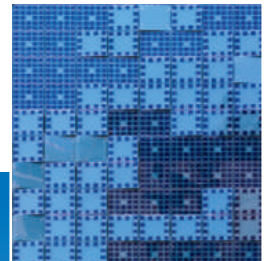


211

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213



PHOTOGRAPHY: © SCHINDLERSALMERÓN (ZIPSHAPE); PIERRE JUSSÉLME (SOLAR TREE); ANDY RYAN (GREENPIX)