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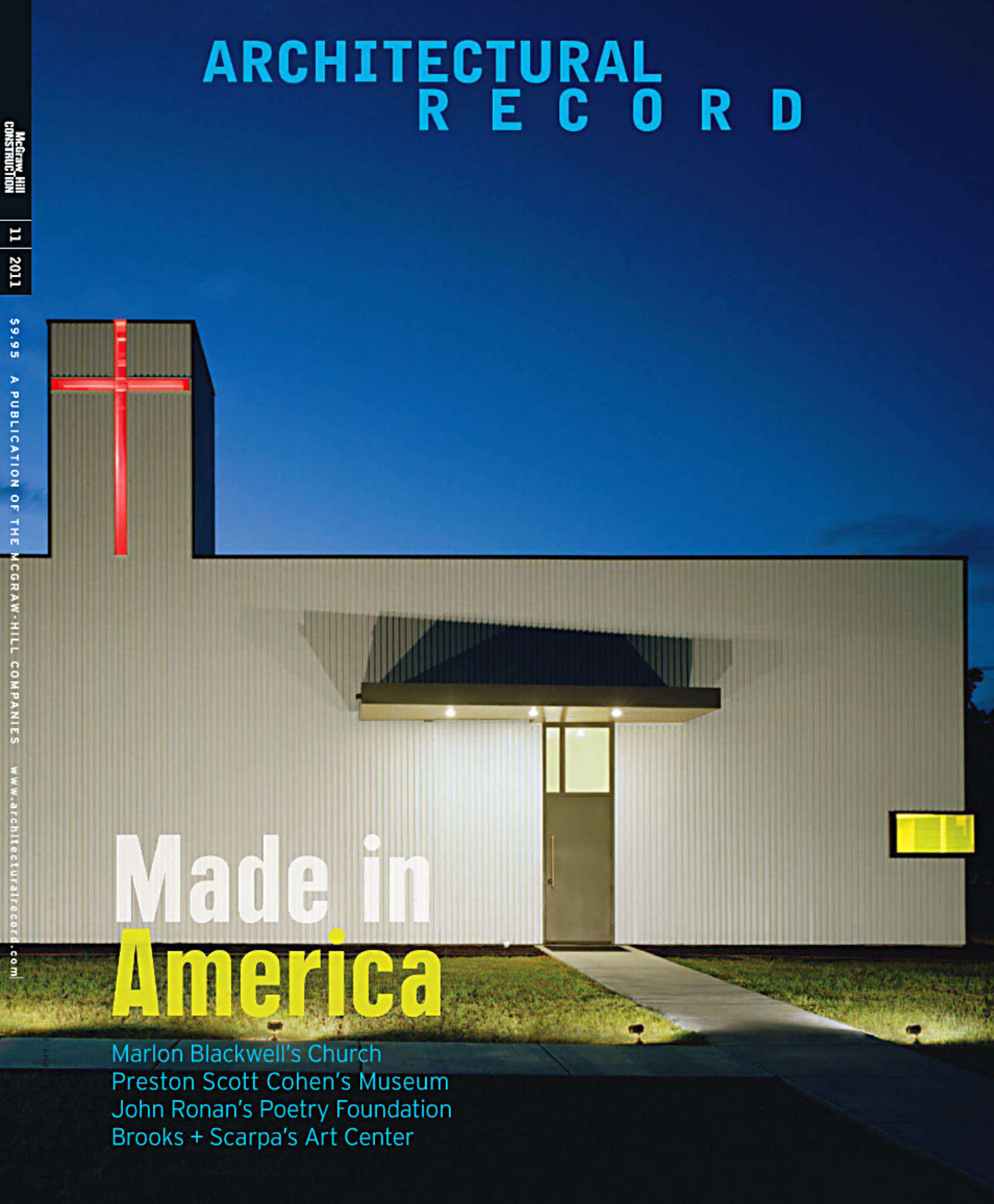
McGraw Hill
CONSTRUCTION

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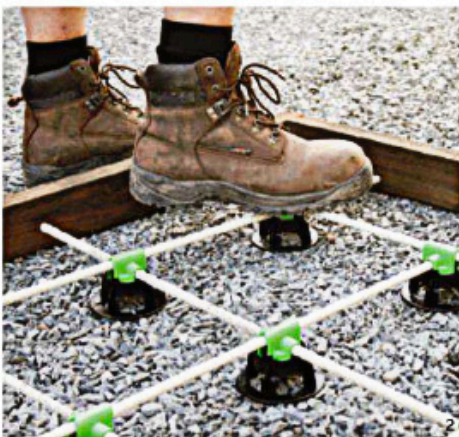
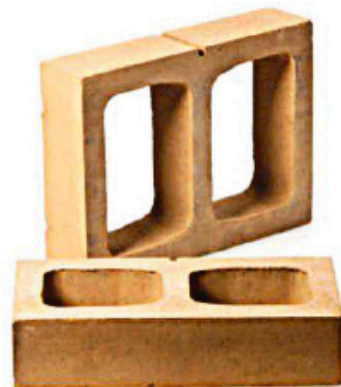
Made in America

Marlon Blackwell's Church
Preston Scott Cohen's Museum
John Ronan's Poetry Foundation
Brooks + Scarpa's Art Center



PRODUCT FOCUS CONCRETE, STONE, & MASONRY

WE PRESENT A ROUNDUP OF SOME OF THE LATEST SOLUTIONS FOR FACADES, FOUNDATIONS, AND WALLS, INCLUDING A LIGHTWEIGHT REPLACEMENT FOR STEEL REBAR. RITA CATINELLA ORRELL

**Enviromesh** [1+2]

Ozsafes Industries ozsafe.com.au

A finalist in this year's INDEX: Award design competition, Enviromesh GFRP (glass fiber reinforced polymer) rebar is positioned as the next generation of reinforcing technology for concrete construction. Compliant with all relevant building codes, including ACI-440 in the U.S., Enviromesh rebar is made from high-strength glass fibers along with a corrosion-resistant vinyl resin; the system's easily cut 9mm pultruded bars are claimed to be stronger than steel. The lightweight rebar, which arrives preassembled with chairs, is intended as a replacement where an alternative to steel, epoxy-coated steel, and stainless steel bars is desired, such as structures built in or close to seawater or requiring low electric conductivity or electromagnetic neutrality. While the way builders will use the material is almost identical to installing steel rebar mesh, a direct substitution of GFRP bars in a concrete member designed with steel bars will not always be possible. **CIRCLE 200**

Sana Stone's Basket Weave [3]

Through Stone Source stonesource.com

First used on the facade and interior vestibule walls of Manhattan's Junoon restaurant by Currimbhoy & Co., Sana Stone's Basket Weave is made in Jaipur, India, from blocks of white marble or black limestone that are hand-chiseled into horizontal ribbons of concave and convex forms. The hand-polished 18" x 16" x 3" modules are then pinned together to create the illusion of a weave. **CIRCLE 201**

Ziva Stone Tile [4]

Artistic Tile artistictile.com

Ziva is a collection of sculptural stone tile designed with a floral or leaf pattern. Each 16"-square hand-carved tile uses a combination of polished and honed finishes. The tile is suggested for indoor wall applications in bathrooms, powder rooms, lobbies, restaurants, retail stores, and spas. Shown here is the Leaves pattern in Lake Blue stone. The collection starts at \$45 a square foot. **CIRCLE 202**

Thru-Wall Unit Masonry [5]

Calstar Products calstarproducts.com

An alternative to Portland cement-based CMUs and kiln-fired clay masonry units, Thru-Wall units combine the structural properties of standard concrete block with the look of a traditional brick wall. Half as tall as standard concrete blocks, the units are made with fly ash, fine aggregates, water, pigments, and a small amount of an undisclosed proprietary material. **CIRCLE 203**

Pyrolave Stone [6]

Pyrolave USA pyrolave.fr

Pyrolave's range of enameled lava stone is extracted from the heart of volcanic craters in Auvergne, France. Blocks of stone are mined using simple handheld tools, then cut into slabs to be processed and glazed in a range of glossy and matte colors (a delicate crazing appears on the surface during cooling). It can be used in a range of applications, including countertops, exterior cladding, and feature walls, such as for the spa shown above. **CIRCLE 204**