

Product Showcase

Formwork & Accessories

BoMetals Keyway

The BoMetals Keyway provides a control or construction joint in flatwork and eliminates the need for a saw cut. It also provides a screed rail, and the tongue-and-groove design provides excellent load transfer characteristics. Made of 24-gauge G60 HDMG steel, Keyway is available with removable and nonremovable caps made from flexible PVC. More than 27 profiles are available for 4, 5, 6, 8, and 10 to 12 in. (102, 127, 152, 203, 254 to 305 mm) slabs.

—BoMetals, Inc., www.bometals.com



Mono Slab EZ Form

Mono Slab® EZ Form allows users to form, insulate, and back-fill before placing concrete. It removes several steps in the forming and insulating process and can save users time and labor. The set-up is simple—the only other additional materials needed are wood or steel stakes and standard 2 x 8 dimension lumber. Mono Slab EZ Form can improve job safety and meets insulation requirements in all 50 states.

—Mono Slab EZ Form LLC,
www.monoslabezform.com

PERI Formwork

PERI produces cut-to-size plywood sheets and all types of specialty formwork. Applications include complex three-dimensional (3-D), single-use formwork units, tailor-made to meet project requirements. Customized elements are prefabricated in the defined quality and as required to guarantee the

planned number of uses. Production and delivery to the jobsite are coordinated to meet construction schedules.

—PERI, www.peri.com



Cresset Crete-Lease Bio-Tru ALL-Xtra with Poly-Release

Cresset introduced Crete-Lease® Bio-Tru® ALL-Xtra with Poly-Release®. This chemically reactive, nonstaining, high-performance release agent allows sharp, accurate impressions on blemish-free concrete surfaces, and it leaves cleaner forms. This product is biodegradable and has a low VOC rating of 5 g/L (meets federal, state, and local guidelines). With a main ingredient that is a derivative of soy oil, Bio-Tru ALL-Xtra with Poly-Release is an architectural quality form release agent that received the U.S. Department of Agriculture (USDA) BioPreferred Product certification.

—Cresset Chemical Co., <http://cresset.com>



H-20 Timber Beams

Monolit Company's H-20 timber I-beams for construction formwork consist of a three-layer web made of 27 mm (1 in.) thick moisture-proof birch board and flanges fabricated from fir dimension lumber with beveled edges. The web and the flanges are joined using a finger-type notched joint and high-strength glue. Beams are painted with moisture-resistant paint. The beams are 1900 to 5900 mm (75 to 232 in.) long but can be cut to any length. Other beam dimensions include: beam height of 200 mm (8 in.), flange thickness of 40 mm (1.5 in.), and flange width of 80 mm (3 in.). The weight per unit length of the beams is 4.7 kg/m (3.2 lb/ft).

—Monolit Company, www.formwork-beam-h20.com



Nashville Witness Walls

The civil rights struggle in Nashville, TN, is portrayed in the "Witness Walls," a set of concrete sculptural walls featuring iconic imagery from the Nashville Public Library collection. Using precast concrete panels, artist Walter Hood designed spatial experiences that place visitors in the center of historical moments that occurred in the city during the civil rights movement. Gate Precast used photo-realistic form liners and stencils to re-create the images on curved and rectangular panels and capture the artist's vision. For the curved panels, the company used a plastic form liner supplied by Innovative Brick Systems LLC. For the stenciled flat panels, replicating the images was both time-consuming and challenging, because the stencils had to be physically cut and placed. Once in the forms, the stencils were then painted with a chemical to expose the aggregate in the stencil voids. Gate used a concrete mixture containing dark aggregates with an "as cast" light gray background to provide the necessary contrast.

—Gate Precast Company, www.gateprecast.com

Dayton Superior Forming Systems

Dayton Superior's engineers, designers, and detailers specialize in the layout and design of Symons concrete forming systems. These cost-effective systems are used for horizontal and vertical placements of cast-in-place concrete. Symons Forming Systems include:

- Vertical Systems—Steel-Ply[®], Sym-Ply[®], Rapid Clamp[™], Max-A-Form[®], Max-A-Form[®] STS, Flex-Form[®], and Aluminum Beam Gangs;
- Horizontal Systems—FrameFast[™], ShorFast[™], and DeckFast[™]; and
- Specialty—Garage Beam System, Space-Lift[™], and Custom Designs.

—Dayton Superior Corporation,
www.daytonsuperior.com

Euclid Formshield Pure

Metal, plastic, wood, and composition forms strip cleanly when treated with Formshield Pure, a chemically reactive release agent containing all-natural oils without the addition of solvents or water. Formshield Pure dries quickly, allowing forms to be put into service in as little as 1 hour. It can be used for precast and architectural concrete applications, as it dramatically reduces the occurrence of voids and bug holes and will not stain. Formshield Pure is a crystal clear, easy-to-apply liquid with no odor or VOCs.

—The Euclid Chemical Company, www.euclidchemical.com

