

# Products & Practice

## GSL 2 Surface Laser

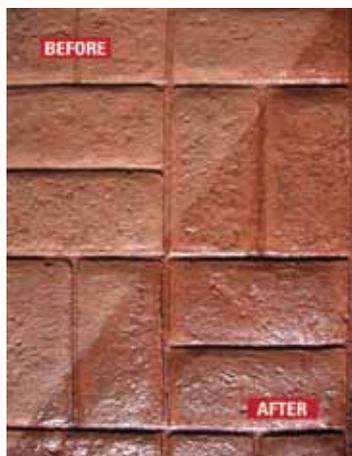
Bosch has introduced the GSL 2 Surface Laser, a device for checking floor levelness and flatness. The remote-controlled laser can be used to scan an entire floor within minutes. The operator can locate bumps and recesses by noting locations where a laser line projecting from the GSL 2 separates into two lines. The device is remote-controlled, so the user can control how fast it scans and return to the point of a deviation so it can be marked for repair. The tool is self-leveling and runs on four AA batteries.

—Bosch, [www.boschtools.com](http://www.boschtools.com)

## M300D Series Wheeled Excavators

Recent engineering updates to the M300D series of wheeled excavators have improved the operator's station and undercarriage and added new technical features. A welded undercarriage allows a blade to be used in either the front or rear, with or without an outrigger on the opposite end. Improvements to the cab include a larger, higher-resolution monitor with new software, a redesigned right-hand switch panel module with condensed controls, and a seat with better lumbar support covered in a moisture-wicking material. It can also be equipped with the Cat Machine Security System that allows for control over who operates the machine via an electronic chip in the key.

—Cat, [www.cat.com](http://www.cat.com)



## Gloss Restorer SRT

Gloss Restorer™ SRT chemically alters dulled sealers to produce both long-term protection of decorative concrete from water and salt, as well as cosmetic improvements. It is intended to be applied over existing sealers that have been worn down due to weathering and UV exposure and will chemically alter the existing sealer to improve its gloss without affecting its permeability. The Gloss Restorer formula bonds more tightly to existing sealers than reapplied water-based sealers.

—ChemMasters, Inc., [www.chemmasters.net](http://www.chemmasters.net)

## Hanson Pipe & Precast Provides Materials for Texas Project

Hanson Pipe & Precast was selected to provide more than 33,000 ft (10 km) of reinforced concrete pipe and 43,000 ft (13 km) of reinforced concrete box culverts for a segment of the Grand Parkway near Houston, TX. These products will manage basic storm-water runoff between two major thoroughfares, helping to prevent flooding during heavy rains. Hanson Pipe & Precast was selected due to the quality of their pre-engineered reinforced concrete products, which met the high structural integrity requirements set by the Texas Department of Transportation. The company is headquartered in Irving, TX, which also contributed to their selection as supplier on this project.

—Hanson Pipe & Precast, [www.hansonpipeandprecast.com](http://www.hansonpipeandprecast.com)



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## Xtreme Series Terrazzo Concrete Color

SureCrete Design has released a new full line of Terrazzo Concrete color design options to be used with their Xtreme Series Terrazzo Mix. Each of the new color designs uses both post-consumer and post-industrial materials, making it ecofriendly, while also maintaining its spot as one of the strongest composites in the terrazzo industry. The color designs provide an array of base hues embedded with colorful recycled glass aggregates, making them a unique choice for a variety of applications, including countertops and wall panels.

—SureCrete Design Products, [www.surecretedesign.com](http://www.surecretedesign.com)



## MatchCrete Clear

MatchCrete™ Clear is a fast-setting hybrid polymer material that applies clear and stays clear to make repairs on decorative concrete less noticeable. It can be used to fix cracks, spalls, knockouts, and delaminations, as well as to fill joints. It can also be mixed with a number of materials, including colored sand, colored aggregate, and dry pigment, to blend in with existing decorative concrete. It has also been used to embed decorative elements, such as LED lighting, into concrete. MatchCrete Clear will not discolor when exposed to sunlight.

—Roadware, Inc., [www.concretemender.com](http://www.concretemender.com)

## RL25 Self-Leveling Rotary Lasers

The RL25 series of self-leveling rotary lasers provide a high level of accuracy, durability, and range for grading, leveling, and excavating applications. The RL25H Exterior and RL25HV Interior/Exterior lasers both feature a glass-enclosed top housing to protect the laser from weather and a thick over-mold to protect the device in drops of up to 3 ft (0.9 m). An anti-drift system alerts the user when the device has shifted. The lasers have a working range up to 2000 ft (609 m) with leveling accuracy of 3/32 in. (2 mm). The RL25HV also includes a vertical plumb beam to aid in laying out 90-degree corners and plumb applications.

—CST/berger, [www.cstberger.com](http://www.cstberger.com)

## Xypex Admixtures Used in Brazil Superport Project

Xypex® Concrete Waterproofing through Crystallization™ is being used for part of the construction of Brazil's Superporto Sudeste, which will export iron ore between stockyards and an offshore structure designed for exportation. Xypex concrete waterproofing admixture, along with other Xypex products, is being used in the construction of a 55 ft (17 m) deep pit to combat groundwater ingress. Xypex Crystalline technology uses water in the capillary tracts of concrete as a diffusing medium to carry waterproofing chemicals through the concrete that later crystallize to plug the concrete's pores.

—Xypex, [www.xypex.com](http://www.xypex.com)

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## Products & Practice

### Book Notes

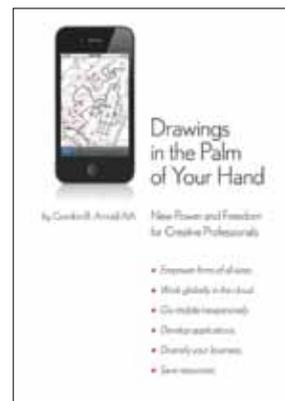
#### Drawings in the Palm of Your Hand

by Gordon B. Arnold

*Drawings in the Palm of Your Hand: New Power and Freedom for Creative Professionals* presents ideas for how professionals can be more productive with today’s mobile tools and speaks to how they can use their professional skills with these devices to produce new products and services for new markets. With the thousands of applications available for mobile devices, professionals have discovered new ways to be creative and productive. The author asserts that smartphones and tablets are the modern tools that design and construction professionals need to deal with today’s fast-paced, complex projects. The book addresses how these mobile systems can save resources, extend the value of CAD and BIM investments, and improve teamwork.

**Gordon B. Arnold, website: [www.drawingsinthepalmofyourhand.com](http://www.drawingsinthepalmofyourhand.com)**

**price: \$18.95; 114 pp.; ISBN: 0615517536**



### Web Notes

#### Construction Connection Launches Partnership Program

Construction Connection announced the formation of their Partnership Program to promote collaborative resource sharing. The program is expected to help the website to become the most relevant online community and informational resource for the entire construction industry. Construction Connection seeks to promote businesses by working with top industry professionals to provide them with a unique landing page within the Construction Connection domain. Member companies of the Partnership Program will be able to post articles to their unique page on the Construction Connection website, offering specific expertise and insight; by contributing regular educational content, these companies can boost their reputation as industry experts. Construction Connection will post some of these articles to their site blog and include select content in their newsletter, which reaches over 35,000 subscribers.

—Construction Connection, [www.constructionconnection.com](http://www.constructionconnection.com)

### Products & Service Literature & Videos

#### ICRI Releases Two New Technical Guidelines

The International Concrete Repair Institute (ICRI) released two new technical guidelines in September, both available only as PDF downloads from the ICRI website.

No. 320.5-2012, “Pictorial Atlas of Concrete Repair Material Mixing Equipment,” provides a single-source common guide that can be used to describe or specify mixing equipment. Different types of mixing paddles and mixers can produce different consistencies and properties in concrete repair products; additionally, the same equipment can go by many names while different equipment can go by the same name. The goal of this eight-page guide is to provide a solution to this problem and ensure that the correct equipment is specified. The price is \$49; \$30 for ICRI members.

No. 320.3R-2012, “Guide for Inorganic Repair Material Data Sheet Protocol,” provides a consistent, logical, and systematic methodology for testing and reporting information for cement-based repair materials. The purpose of the document is to provide a standardized protocol for testing and reporting of data for inorganic repair materials. It sets requirements for testing methods and proper order for test data reporting. This document is free to anyone looking for data sheet protocol.

—ICRI, [www.icri.org](http://www.icri.org)