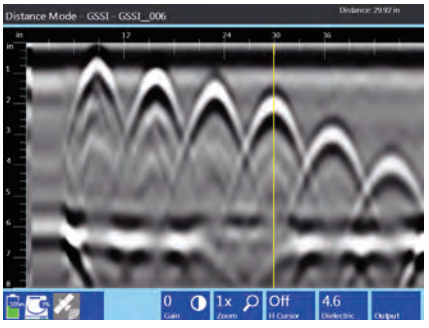
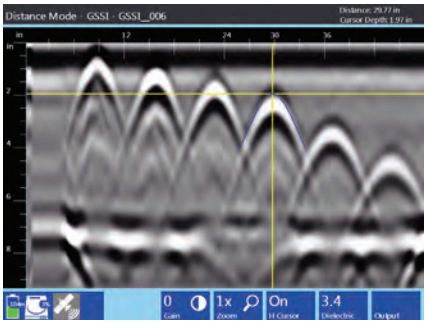
NEW PRODUCTS

GSSI LAUNCHES UPDATES TO INNOVATIVE GROUND PENETRATING RADAR (GPR) CONTROL UNIT

GSSI announces the release of updates to the SIR® 4000 ground penetrating radar (GPR) control unit. The controller is designed to bridge the legacy of GSSI's traditional analog antennas with next-generation of digital offerings, giving it the flexibility by supporting a wide range of users in numerous applications. The updates bring the StructureScan 2D collection module to the controller, simplifying its use for the concrete construction industry.

The StructureScan 2D collection module offers users greater flexibility for using the controller in concrete construction industry applications. The module includes high frequency antenna-specific set-ups to ensure survey efficiency, and enables the controller to automatically recognize smart antenna set-ups.





Additionally, the update offers users the option of on-the-fly automatic gain to better enhance the data display, while still saving the file in the original raw format for post processing. The updated collection module also includes a horizontal zoom function, allowing users to increase the size of the data set up to 8x to resolve smaller targets, and a "Save Image" shortcut for quick reports. Fully integrated, the SIR 4000 provides a 10.4 inch high definition LED display, a simple user interface, plug-and-play GPS integration, and Wi-Fi enabled data transfer functionality. The SIR 4000 is designed with a number of exclusive features, including a casted aluminum chassis that offers superior temperature stability and an impact resistant design that combined, delivers a full IP 65 rated- able to withstand tough jobsite conditions.

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Website: **www.geophysical.com**

HILTI TOOL SERVICES

Hilti's new Tool Warranty 20/2/1 is simply unmatched in the industry and redefines what construction professionals should expect from tool warranties.

The new warranty covers customers for "20, 2 and 1", including repair or replacement of parts as a result of defects in materials or workmanship for 20 years; repair of tools at no cost for 2 years from date of purchase even if damage is from wear and tear, and 1-day turn-around on repairs, guaranteed.*

Hilti's 20 year limited warranty is the longest in the industry and is possible because of Hilti's commitment to the highest quality standards.

The two year wear and tear coverage is incredibly valuable; Hilti does not charge for repair parts, labor, or even shipping. Most warranties exclude damage due to wear and tear, but Hilti explicitly covers it.

When a tool needs to be repaired, Hilti guarantees a one-day turnaround from receipt in a Hilti tool service center or the repair is free. That speed of turnaround is unmatched in the industry and helps ensure customers stay productive on their jobs.

For customers who want an even higher level of service, there's Hilti's Tool Fleet Management. Through this program contractors get regular tool upgrades, full on-going wear and tear coverage, theft coverage, loaner tools, and customized tool labels all for a low, fixed-monthly cost.

Hilti Tool Services including the Tool Warranty 20/2/1, Tool Fleet Management, and ON!Track Asset Management help customers make more money with less risk by providing professionals with the tools they need to keep jobsites productive.

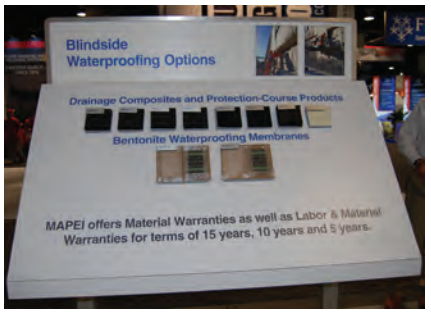
For more information on Hilti tool services, please contact Hilti Customer Service.

Hilti, Inc.
U.S. Phone: +1 (800) 879-8000
Canada Phone: +1 (800) 363-4458
Websites:
www.us.hilti.com/tool-warranty
www.ca.hilti.com/tool-warranty

MAPEI INTRODUCES BELOW-GRADE WATERPROOFING SYSTEMS

Deerfield Beach, Florida - MAPEI Corporation introduced its Below-Grade Waterproofing product line to the North American construction market at the 2016 World of Concrete show. MAPEI has been heavily engaged and very successful in below-grade waterproofing markets elsewhere around the world for some time, to say nothing of the company's long history of providing waterproofing solutions in many other complementary market segments.

Among the below-grade waterproofing systems introduced at the show were Mapeproof™ sodium bentonite geotextile waterproofing membranes. Mapeproof membranes are constructed using a layer of woven and nonwoven, puncture- and tear-resistant polypropylene fabrics. Encased within these fabrics is high-swelling, self-sealing sodium bentonite. Mapeproof membranes are offered in a standard-grade version (Mapeproof HW) and an alternate grade designed specifically for sites where contaminated or salt groundwater is present (Mapeproof SW).



The other below-grade waterproofing products introduced at the show were Mapethene™ self-adhering, rubberized-asphalt sheet waterproofing membranes. Mapethene membranes are constructed of a 4-mil-thick, impact-resistant, cross-laminated, high-density polyethylene (HPDE) film laminated onto a proprietary 56-mil-thick rubberized-asphalt compound. Mapethene membranes are offered in both high-temperature (Mapethene HT) and low-temperature (Mapethene LT) variants.

Supporting these waterproofing products is a complete line of detailing and accessories, including:

- Mapedrain™ – A product group that includes seven three-dimensional drainage composites, each engineered for specific site drainage requirements.
- Mapebond™ – A product group that includes four contact adhesives, which meet the varied site conditions and the various VOC regulations in place at different locations.

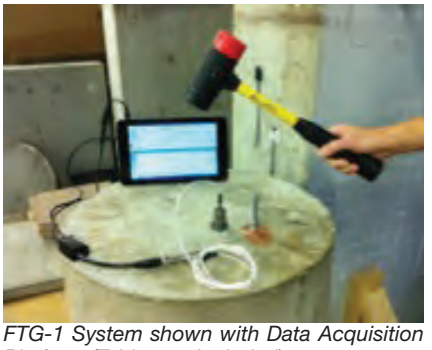
"I am very excited to be leading the effort to introduce these outstanding products to the North American construction market," said Jason Covington, Business Development Leader and Product Line Manager for the MAPEI Below-Grade Waterproofing category. "MAPEI has the unique distinction of being the only certified ISO 9001 QMS [Quality Management Systems] and ISO 14001 [Environmental Management Systems] company supplying these products to the Americas market. This distinction cements MAPEI's commitment to product quality. We devote a remarkable 12% of our employees and 5% of our annual revenues to research and development activities to continually improve and innovate."

As the MAPEI below-grade waterproofing products are accepted into the American market, Covington will gradually introduce additional products and systems. "We expect this category of the construction market to contribute significantly to our business portfolio," said Luigi Di Geso, president and CEO of MAPEI Americas.

For technical data visit:
www.mapei.com
For the nearest location call:
+1 (800) 42-MAPEI
(+1 (800) 426-2734)

OLSON INSTRUMENTS IANNOUNCESTHE RELEASE OF FOUNDATION TEST GAUGE

Olson Instruments is pleased to announce the release of its Foundation Test Gauge, the FTG-1, which is designed to economically perform Sonic Echo testing of deep foundations. Similar to our new CTG-2 Concrete Thickness Gauge, the FTG-1 is used with your Windows 7, 8 or 10 notebook or tablet. The FTG-1 system is shown below and a system overview is presented on our web pages at www.olsoninstruments.com/FTG%20Product%20Flyer.pdf. Please contact Sue Jones at 303-423-1212 for pricing and technical information or email her at Sue.Jones@OlsonEngineering.com.



FTG-1 System shown with Data Acquisition Platform (Tablet not Included)

The FTG-1 is a USB powered, non-destructive system equipped with an accelerometer and non-instrumented hammer for measuring the length and integrity of concrete drilled shafts, driven concrete piles and timber piles using the Sonic Echo principle. The FTG-1 can be further explored at our website www.olsoninstruments.com.

Sonic Echo investigations can be performed on foundations where foundation length, cracks, voids, intrusions or weak concrete are of primary concern. The shaft top needs to be accessible and lengths of 30 times the diameter (or greater) can be tested. Data is collected and analyzed with Olson's FTG Software for Microsoft Windows 7, 8 or 10 operating platforms. The technician-friendly software automatically filters the data while still allowing the user to override the defaults and perform a full field analysis if desired. An example screen shot illustrating this software is presented below.

FTG Software Showing Sonic Echo Depth Measurement

Olson Instruments, Inc. is the sister company of Olson Engineering, Inc. which offers NDE and Geophysical consulting services. Please visit Olson Engineering's recently launched website at **www.olsonengineering.com**.

ESTIMATE FUTURE SERVICE CONDITION RH READINGS QUICKLY AND EASILY WITH WAGNER METERS' NEW ONLINE ESTIMATOR

Rogue River, OR (January 4, 2016) – Wagner Meters announces the exclusive release of an online Service Temperature Estimator webApp that easily and quickly estimates the relative humidity (RH) at service conditions from concrete at non-service conditions.

Now, flooring experts and general contractors can access vital information to help determine realistic project deadlines and ensure compliance with the ASTM F2170 standard for concrete slab RH measurements. More importantly, properly conducted RH measurements

will decrease the risk of moisture-related flooring problems, costly delays, callbacks, and even lawsuits. The Service Temperature Estimator webApp, via a licensing agreement with the CTLGroup, is now available for all Wagner Meters customers.

You only need four things to estimate the expected in situ RH at service conditions when using the Service Temperature Estimator webApp: online access, the cement to water ratio, the in situ RH measurements of the concrete, and the current non-service condition concrete slab temperature.

Estimating the expected RH at service conditions with the Service Temperature Estimator webApp is quite simple:

1. Visit http://www.wagnermeters.com/RhEstimator/.
2. Enter the target service condition temperature, set the water to cement ratio, enter the measured non-service condition RH, and enter the non-service condition slab temperature.
3. Click calculate and instantly see the corrected, or estimated, service condition RH.

"The big advantage of Wagner Meters' Service Temperature Estimator webApp is that it gives project managers a quick heads-up very early on about what they can expect at service conditions," advises Jason Spangler, Rapid RH® product sales manager for Wagner Meters. "This is huge in terms of avoiding costly delays and putting in place any measures that may be needed to dry the floor."

Getting this early estimate of the floor's moisture condition, along with conducting the RH testing in compliance with the ASTM F2170 standard, will help ensure the success of each project and decrease the risk of moisture-related flooring failures. Such failures, according to the Portland Cement Association, result in millions of dollars in damage annually to buildings in the United States.

Wagner Meters emphasizes that the Service Temperature Estimator webApp is for estimation purposes only. Before installation of a finished floor on concrete slabs, the ASTM F2170 standard mandates a service condition RH test. The acceptable level of RH is dependent on the flooring product and determined by the manufacturer.

For more information about Wagner Meters' full line of Rapid RH® products for fast, accurate, and cost-effective measurement of concrete moisture, visit:

Rapid RH®
Phone: +1 (541) 582-0541 x235
Website: **www.RapidRH.com**