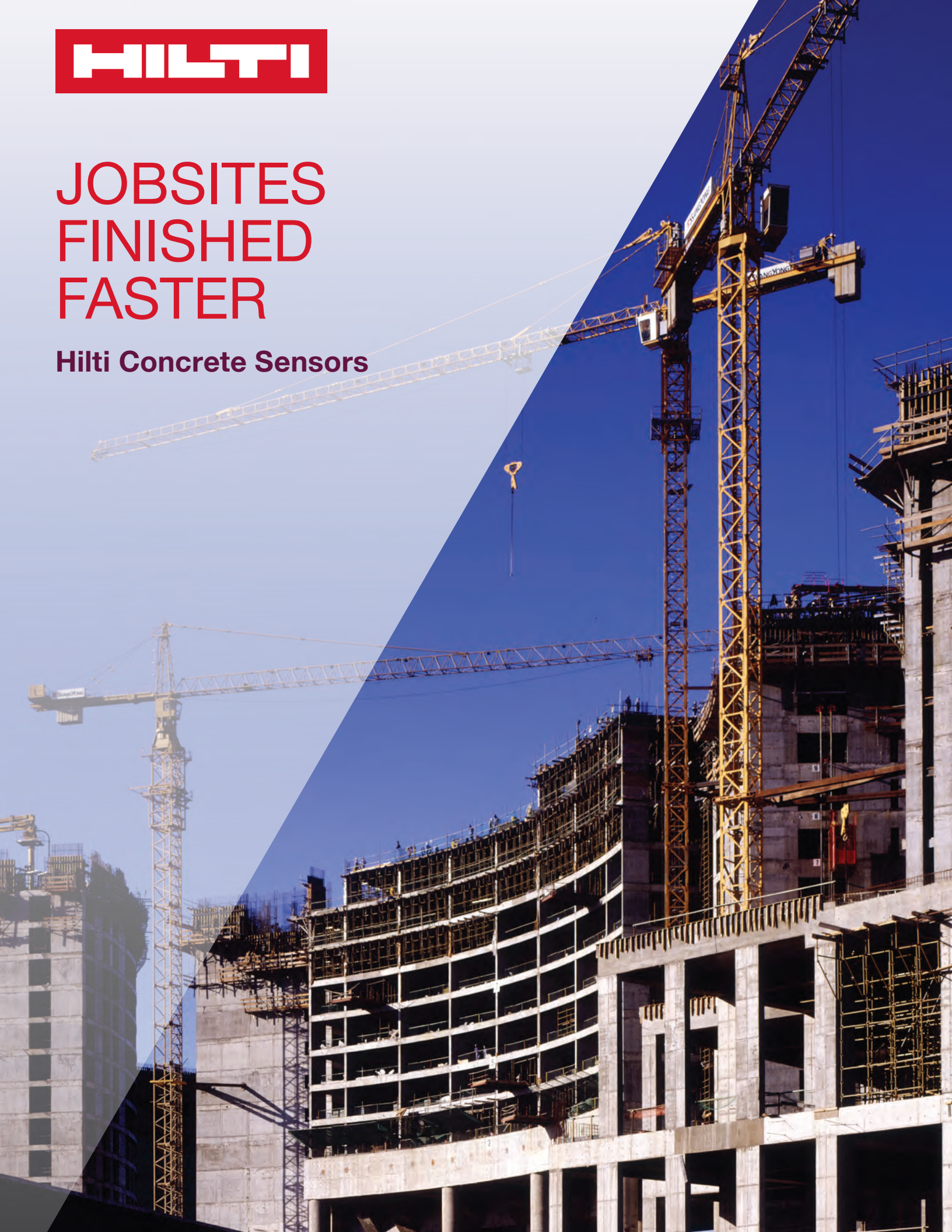
JOBSITES FINISHED FASTER

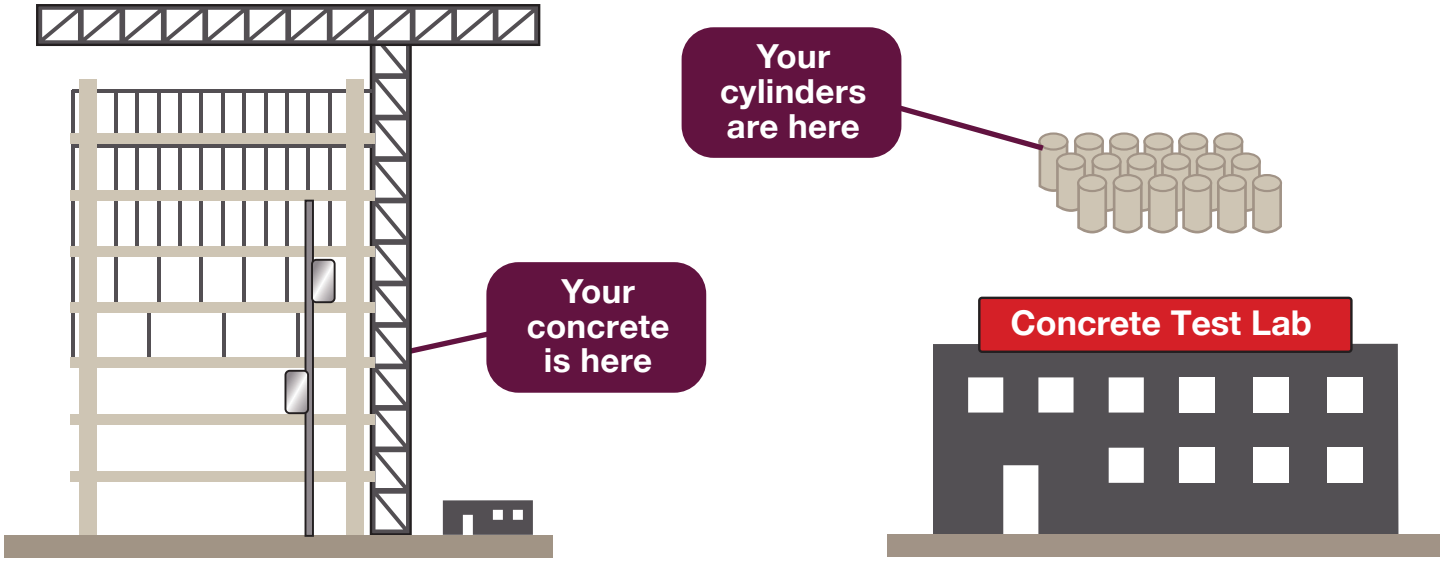
Hilti Concrete Sensors



THE RIGHT INFORMATION, FASTER

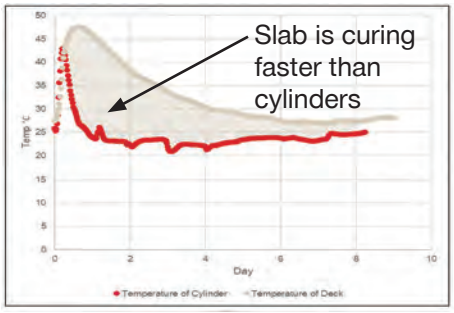


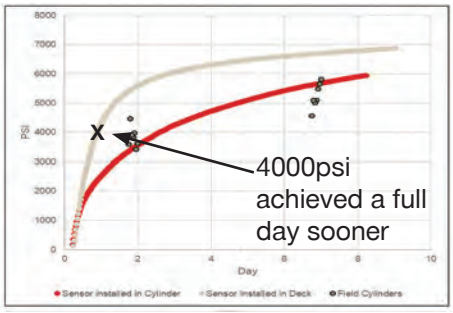
Through innovative technology, Hilti helps General Contractors get the information they need about their concrete, helping them get their projects done ahead of schedule and under budget.



IT'S A LOCATION PROBLEM

Your jobsite concrete typically cures faster than your concrete cylinders. Curing temperature can have a dramatic impact on how quickly your concrete cures and since concrete cylinders have a smaller volume than the field concrete, they cure at lower temperatures and are not always good indicators of field concrete strength.





AND A COMMUNICATION PROBLEM

6:00 a.m. – You need to know concrete strength to plan today and tomorrow's activities	**Lab opens**	**Breaks cylinders**	**Prepares report**	**Communicates results**	**You decide the next step later**
	TIME				
	Open App. Make a decision now.				

Information now with Hilti Concrete Sensors is better than later.

Hilti, Inc. 1-800-879-8000
en español 1-800-879-5000
www.hilti.com

Hilti (Canada) Corporation 1-800-363-4458
www.hilti.ca

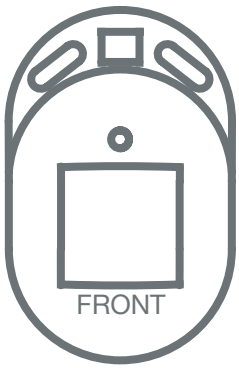


HILTI CONCRETE SENSORS: AN EASY-TO-IMPLEMENT SOLUTION



Know Your Concrete

Lab Services are used to determine how curing temperature impacts the strength of your specified mix. Curing samples at 4 different temperatures improves the accuracy of the concrete strength calculations provided by the sensor and software.



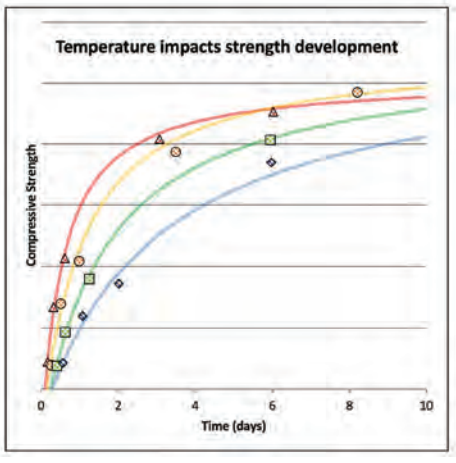
Measure Your Concrete

The core of the product solution is the Hilti Concrete Sensor. It's an easy to use, wireless sensor that comes in three standard versions. The standard versions can be placed up to 6" deep in the concrete to make for easier placement. The cabled versions allow for up to 15 foot deep placement in concrete for those mass structure pours.



Track Your Concrete

At your fingertips is the concrete strength information you need to make today's schedule decisions - move formwork, stress PT cable or start flooring installation. Setting alerts in the software to notify you of key concrete curing milestones is easy.







WHD 08/20

Relative Humidity Sensor

With the HCS-TH1, you can track relative humidity (RH) in your concrete slab, helping you order and schedule flooring installation and mitigation.

Mass Concrete Monitoring

Long Range technology allows continuous tracking of internal and differential temperatures when used with the HCS-T2 and HCS-T2 B# sensors.

Cold Weather Concreting

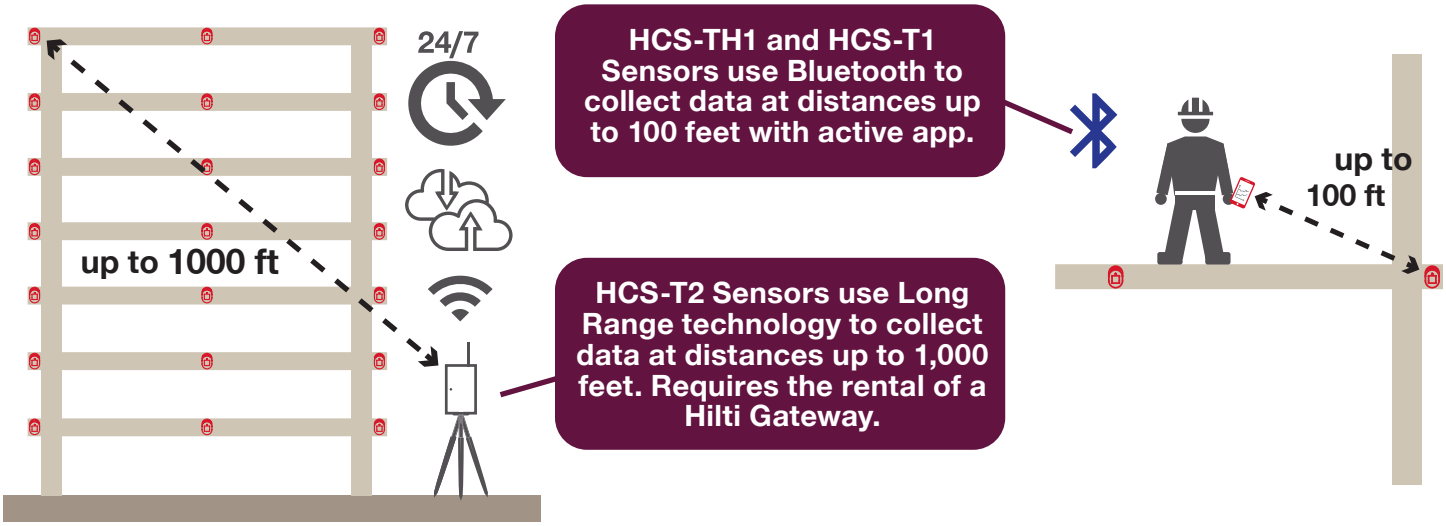
ACI 306R requires continuous temperature monitoring of concrete when ambient temperatures drop below 40˚F (5˚C).







COLLECT DATA FROM THE SENSOR TWO DIFFERENT WAYS



HILTI CONCRETE SENSORS PRODUCT PORTFOLIO

Item name	Description	Item #
HCS T2	Temperature Sensor – Long Range (requires HCS Gateway)	2300657
HCS T2-B3	HCS T2 with 3-foot cord for deeper sensor embedment	2300658
HCS T2-B8	HCS T2 with 8-foot cord for deeper sensor embedment	2300659
HCS T2-B15	HCS T2 with 15-foot cord for deeper sensor embedment	2300660
HCS Gateway	Monthly Rental for HCS Gateway (required for all HCS T2)	3692417
HCS TH1	Temperature / Relative Humidity Sensor – Bluetooth®	2300652
HCS T1	Temperature Sensor – Bluetooth®	2300653
HCS T1-B3	HCS T1 with 3-foot cord for deeper sensor embedment	2300654
HCS T1-B8	HCS T1 with 8-foot cord for deeper sensor embedment	2300655
HCS T1-B15	HCS T1 with 15-foot cord for deeper sensor embedment	2300656
HCS Concrete Calibration Testing	Required for accurate monitoring of concrete strength based on Maturity Method	2301543

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GKL 10/20