TEMPERATURE MONITORING

concrete sensors BY HILTI

LESS GUESSWORK, MORE DATA

Monitoring the temperature of your concrete is crucial to ensure proper curing and adherence to industry standards. Concrete Sensors' smart solution combines best practices, industry experts, and a dedicated lab to provide you with real-time data about the temperature of your concrete through our wireless sensors.

KNOW YOUR CONCRETE

The temperature of your concrete during the curing process is critical to its longevity. Cold winter months mean longer curing times and an increased risk of cracks, while hot summer months can lead to issues such as early strengths, thermal cracking, hydration issues, and shrinkage. To protect the integrity and strength of your concrete, you can monitor its temperature in real-time with Concrete Sensors.

WHY MONITOR?

Not monitoring the temperature of your concrete can lead to problems like improper curing and thermal cracking. Make sure you remain within industry standards and monitor the temperature of your concrete – a process made easy by Concrete Sensors' smart, wireless solution.

When you track and report on the temperature of your concrete, you reduce the risk of creating problems regarding safety, improper/incomplete curing, and reduced service life – all things that make it difficult to build an effective concrete structure. Collecting this data makes it easy for you to provide



cost and timeline estimates, helping you save time and money while also ensuring the proper curing of your job site concrete.

TEMPERATURE MONITORING MADE EASY

Concrete Sensors takes the difficulty out of monitoring your concrete's temperature and allows flexibility on the job site. For smaller projects, or when continuous remote monitoring is not needed, our bluetooth solution can be embedded at strategic areas in the pour and store data that can be pulled any time to aid in decisions concerning the heating or cooling of your concrete.

For projects with sensors distributed over a large area or if you need continuous monitoring with cloud-based access to the information, our long-range system pulls data automatically and in real-time. Alerts can trigger via app when certain thresholds have been met, allowing you to see accurate and updated data from anywhere. Just take the sensor out, connect it via app, and install the sensors to get started.

MITIGATE COST & RISK

Gain access to real-time data about the temperature of your concrete and avoid the extra costs associated with re-pouring due to extreme temps. Save time and money with more accurate monitoring, and empower yourself to make better decisions.

Concrete Sensors equips you with the knowledge necessary to protect the strength and integrity of your concrete, no matter the season. Get in touch with us at concretesensors@hilti.com to learn more about how our solutions can help you keep track of your concrete's temperature easier than ever before.



GET IN TOUCH. HERE'S WHY.

- We're the leaders in concrete sensor technology that will help you save money and improve productivity.
- We're trusted by many of the largest GCs and engineering firms in the world.
- Our in-house concrete lab and database provide the most accurate data in the industry.
- The ROI is immediate and impactful.

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