



SmartRock3

Wireless Concrete Sensor for Temperature
And Strength Monitoring

Norme : ASTM C1074



SmartRock is the world's leading wireless sensor for monitoring the curing and hardening of concrete. The sensor is fully-embedded and secured on the rebar, making it completely maintenance and hassle-free.

Temperature data is collected at two locations in the sensors' cable and body. The strength of your in-place concrete is then calculated automatically based on the maturity method (ASTM C1074). These results are accessible in real-time and remotely through the SmartRock mobile app and on the Giatec 360™ cloud dashboard to help you make informed decisions.

SmartRock's AI assistant, Roxi™, eliminates human error by sending smart notifications and alerts to give you the upmost confidence in your mix calibration data and accuracy of strength test results.



Features:

Software

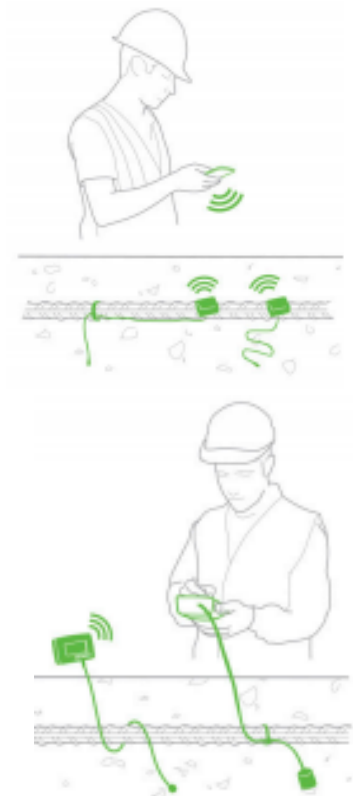
- Accurate real-time data display (i.e. temperature, strength, max-min values, and graphs)
- Maturity calibration database
- Free Android/iOS app with easy-to-use guide
- Project management tools including live data sharing
- Giatec 360 web-based cloud dashboard
- Proactive AI notifications of concrete pouring time and mix calibration errors
- Full PDF & CSV reporting and data exporting
- Open API integration with project management applications (i.e. Procore)

Hardware

- Wire-free and wireless technology
- Fast, simple, and hassle-free activation and installation
- Extended temperature cable and probe for mass concrete
- Two points of temperature measurements located in sensor cable and body
- Rugged and waterproof design
- Long battery life
- 24/7 remote monitoring capabilities with the SmartHub™ device

Technical specifications :

- **Reading Range:** -22 to +181 °F (-30 to 85 °C)
- **Measurement Accuracy :** ± 1.8 °F (± 1°C)
- **Wireless Signal Range :** Up to 40 ft (12 m)
- **Measurement Frequency :** 15 min
- **Temperature Cable Length :** 12 in (30 cm) / 10 ft (3 m)
- **Battery Life :** Up to 4 months after installation
- **Data Communication and Analysis :** Free Android and iOS app Giatec 360 Cloud Dashboard



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