

Reduce the carbon impact of your project with SmartRock wireless maturity sensors

Save time and money with real-time data on your concrete

Cut the carbon emissions associated with your construction project by up to 85% by combining our EcoCrete concrete with SmartRock, our digital maturity solution.

SmartRock wireless concrete sensors monitor temperature and strength gain every 15 minutes for up to 60 days, providing real-time data that can help you save time, money and CO₂ with no need for test cubes and no waiting for results. The system gives you the confidence to use our EcoCrete low carbon concrete with higher cement replacement levels, cutting carbon emissions while speeding up time on site and allowing faster removal of formwork.

SmartRock is quick and easy to set up and we provide full technical advice and support including concrete mix design, setting up the system and delivering the sensors to site.



Wire-free
and wireless
technology



Remote
monitoring
capabilities



Easy
activation and
installation



Real-time
data collection



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SmartRock by Giatec Scientific Inc is the world's leading wireless sensor for monitoring concrete curing and hardening. This fully embedded sensor attaches to rebar using a built-in strap for hassle-free installation. SmartRock collects temperature data from two points independently: the probe at the tip of the cable and from inside the sensor body. It calculates in-situ concrete strength automatically using the maturity method (ASTM C1074). Your results and your temperature data are always accessible remotely and in real time via a free app and the Giatec 360 dashboard.