

CONCRETE-PLACEMENT MONITORING:

Testing Device Tracks Temperature During Curing Process

The Thermal Evaluation of Mass Pours (TEMP) system allows for monitoring of large concrete placements. TEMP Thermal Wire cables are embedded in the concrete during placement, allowing for measurement of internal temperatures. Each Thermal Wire cable has multiple temperature sensors along its length and sends temperature information back to the TEMP data logger. Multiple monitoring points along each cable provide a more complete temperature profile of the curing concrete than systems with a single sensor on each cable. The sensors themselves draw power from the data logger and do not require their own batteries, and the data logger's battery can last for 28 days on a single charge. The data logger syncs its data to the TEMP main unit for easy viewing on the built-in LCD or downloads the data to a computer. **Pile Dynamics Inc.**; www.inspectioninstruments.net



Manufacturers can send information on new products to ENR.products@construction.com.