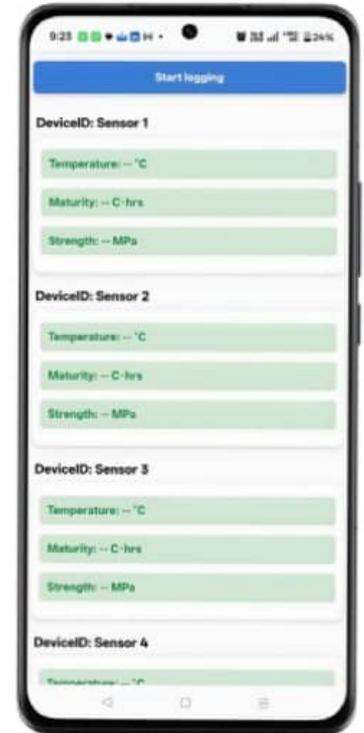




WIRELESS CONCRETE MATURITY METER

Real time Temperature Maturity - Strength • ASTM C1074 Compliant



Application:

This single Module VedaConMat-Lite can continuously monitor and Record the concrete temperature of the raft at **Top-Bottom-Middle**, As it comes with 3-sensing elements plus one extra for ambient temperature, suitable for mass concretes, beams, columns and slabs for temperature Maturity and Strength.

Sensors are inserted in the actual concrete structure while casting to monitor real time Maturity and Strength by sensing the core temperature, as per ASTM C1074.

by Establishing Co-relation between maturity and strength priorly before installing in actual concrete.

Advantages:

- No separate reader or data logger required, reducing overall cost and setup effort.
- Wireless system eliminates long cabling from raft to logger, preventing wire damage and data loss due to wire damage.
- Here your mobile phone or laptop functions as the reader with seamless wireless connectivity to VedaConMat-Lite.
- Built-in battery backup of 15, 30, or 45 days eliminates the need for external power supply.
- Calculates concrete maturity and equivalent age using Nurse-Saul and Arrhenius methods.
- Enables real-time on-site concrete strength estimation through strength-maturity correlation.
- Low-cost sacrificial design requires no protection from water, dust, or concrete.
- Also available in a reusable model.