CONCRETE MOISTURE PROBE 'THE DETERMINATOR'

- CMP -

QUICK START GUIDE

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GENERAL

- The Determinator and CMEX5 (or other Tramex Concrete Meter) allow for a unified gravimetric-based testing method of moisture content (%MC) both on the surface and within the body of the concrete.
- %MC readings for both the in-situ and the non-destructive surface tests eliminate confusion between different testing method data.
- The Determinator conductive probes are reusable, extendable, and require no plastic hole liners.
- The hole diameter required is the same for the Hygro-i2 RH test as per F2170

ASSEMBLY

- The Concrete Moisture Probe consists of a cradle, a probe tip and two extension segments.
- Choose to use the extension segment(s), or not, depending on the depth of the slab. The probe should be inserted to approximately 40% of the depth of the slab.

OPERATION

Probe Testing:

- Determine the approximate depth of the concrete slab.
- Connect extension segment(s) to appropriate depth:
- Concrete between 4" to 6" in depth shall require approximately 2 -1/4"" of probe depth.
- Concrete 6"- 9" or thicker shall require approximately 3-1/4" of probe depth.
- Concrete thicker than 9" – contact technical services for instructions.
  * The probe should be inserted to approximately 40% of the depth of the slab.
  * Similar to ASTM F2170 Recommendations for frequency of use: 3 Tests per 1,000 sq.ft. and 1 additional test for every additional 1,000 sq.ft. or partition thereof.
- Insert the Concrete Moisture Probe into the hole so that the cradle is flat on the surface.
- Place your CMEX5 into the cradle so that it sits flat.
- Record readings.

USER GUIDE ONLINE

- Please use the following link or QR code to access the complete User Guide online: https://l.ead.me/bbjrrb

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