

CM-Test Report

Client: _____

Building project

Component / Type of building _____

Floor / room _____

Building climate

Air humidity (in %-rLF) _____

Air temperature (in °C) _____

Ground temperature (in °C) _____

Measurement result

Measurement	Measurement 1	Measurement 2*	Measurement 3*
Room			
Bulk thickness			
Weighing (in g)			
Humidity (in CM-%)			

*only if measurement 1 is not clear

Confirmation

Building owner / client

Name / Stamp

Date

Signature

Construction management / architect

Name / Stamp

Date

Signature

Executing company

Name / Stamp

Date

Signature

IMPLEMENTATION OF CM-Tests

CM test, which is used to determine the residual moisture of the leveling compound, is a proven method.

Samples are taken at various points across the entire cross-section.

During sample preparation, it is important to ensure that as little moisture as possible gets lost.

Therefore, it can be concluded:

- Sample collection and sample preparation as quickly as possible.
- No direct sunlight or draft

Before taking the sample, the following measures must be taken:

- Adapt the test instrument to the room climate
- Check the CM instrument for leaks
- Fill the 4 spheres into the CM instrument
- Set up weighing scale
- Prepare tool for removal
- Protocol

Test procedure as follows:

1. Take an average sample over the entire cross-section of the leveling
2. Crush the test material in the pan if necessary
3. Weigh the test material: 10 g
4. Fill the test material into the CM instrument with spheres.
5. Hold the CM instrument at an angle and carefully fill in the carbide ampoule
6. Close the CM instrument
7. Crush the test material by vigorously moving it back and forth in a circular movement
Duration: 2 minutes
8. 5 minutes after the start of shaking, shake again for one minute.
9. After 10 minutes, shake again for 10 seconds and then read the value. The value read in bar multiplied by 10 corresponds to the residual moisture in percent.
A residual moisture of <12% or more indicates readiness for covering.