

# Digital Hygrometer Moisture Tester

User instructions

**kerakoll**

# Kerakoll Hygrometer user instructions



Further information on all Kerakoll products, including those mentioned in these instructions, can be found on the respective Technical Data Sheets, on the Kerakoll website [www.kerakoll.com](http://www.kerakoll.com).

If any of the information detailed in this instruction leaflet is unclear or further clarification is required, please contact the Kerakoll office on 01772 456831.

The information contained within this instruction leaflet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however, it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

Where a wooden floor covering is to be used, the acceptable moisture content of the substrate must be checked and confirmed with the wooden flooring manufacturer prior to installation.

## → Hygrometer moisture testing

The Kerakoll Hygrometer is an instrument designed to indicate the moisture content of a subfloor in Relative Humidity (RH) prior to installing floor coverings. The subfloor can be considered dry when it has reached the desired RH level and is within the parameters set out below for installation of the chosen Kerakoll product to the surface.

## → Prior to testing

Ensure the surface is free from all dust dirt, oil, grease and any other contaminants that may affect adhesion of the Kerakoll Hygrometer to the substrate. Contaminants on the surface may lead to false moisture readings.

All surface laitance must be removed from the substrate prior to beginning the test. Surface laitance that remains on the substrate may result in artificially low moisture readings as this layer of material will prevent full moisture escape from the substrate.

Screeds that are applied over underfloor heating must have the system commissioned and taken through its full thermal cycle prior to moisture testing. Underfloor heating systems must then be turned off 48 hours prior to the moisture testing taking place. Underfloor heating that remains turned on may result in artificially high moisture readings, as the underfloor heating system will drive moisture through to the surface of the substrate.

## → How to test

Adhere the provided butyl rubber tape to the underside of the Kerakoll Hygrometer around the perimeter of the box. Ensure that all tape edges meet in the corners to create an airtight seal between the substrate and the Kerakoll Hygrometer.

Place the Kerakoll Hygrometer onto the floor and press firmly into place, ensuring a good, solid bond between the Kerakoll Hygrometer and the substrate.

The Kerakoll Hygrometer must remain turned off and allowed to reach equilibrium (consistent temperature and conditions) with the substrate before operation. Once sufficient time has passed, the Kerakoll Hygrometer can be turned on and moisture readings can begin to be taken. The hygrometer should ideally be left for 24 hour periods with readings taken at the same time of day, and no longer than 3 consecutive days as readings will be incorrect due to moisture buildup.

# Testing - Substrates

Product	Cement ≤ 75% RH**	Cement ≤ 85% RH	Cement ≤ 95% RH	Cement ≤ 98% RH	Calcium sulphate ≤ 75% RH*	Calcium sulphate ≤ 85% RH*	Calcium sulphate ≤ 90% RH (with UFH)*	Calcium sulphate ≤ 95% RH (no UFH)*
Levelflex Gel +	●				●			
Levelflex Rapid	●				●			
Levelflex External	●				●			
Levelflex Fibre	●				●			
Proflow Finish +	●				●			
Proflow Smooth +	●				●			
Proflow Rapid+	●				●			
Proflow MVS	●	●**	●**		●**	●**		
Proflow Trade	●				●			
H40 Gel	●				●			
H40 Advanced	●				●			
H40 Ultimate	●	●	●	●	●			
H40 Extreme	●				●			
Setaflex Standard	●				●			
Setaflex Semi-Rapid	●				●			
Setaflex Rapid	●				●			
Setafix Basic	●				●			
Setafix Fast	●				●			
FAST One Coat DPM °	●	●	●	●	●	●	●	●

\* Ensure correct priming method is adhered to

\*\* Ensure functioning constructional DPM is present

+ Suitable for use as a pre smoothing layer under FAST One Coat DPM

° If FAST One Coat DPM is used, any of the above listed products are suitable for use above the DPM

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