

Floor Moisture and Pre-install Survey

A floor moisture and pre-installation survey: base type and age, conditions, relative humidity readings with a hygrometer hood, flatness, damp-proof membrane, the manufacturer's limit and whether flooring can go down.

1. Base

Project

Client

Site *

Site address

Survey date *

Time

Surveyor *

Base (choose one)

- ☐ Sand and cement screed
- ☐ Concrete slab
- ☐ Calcium sulphate (anhydrite) screed
- ☐ Timber or board
- ☐ Existing floor covering

Age of the base (weeks)

Floor covering to be laid *

Manufacturer's maximum relative humidity (%)

From the adhesive and floor covering manufacturers' data. Use the lower figure.

Was the building at its normal service temperature and humidity, with drying equipment off, before the readings were taken?

☐ Yes ☐ No

If applicable: Readings taken while drying equipment is running may not show how wet the base will be in normal use. Say so under preparation.

Weather capture

Digital form: use Record current conditions. On paper, record date/time, temperature (°C), wind (mph and direction), conditions and source. Keep observed conditions separate from forecast estimates.

2. Readings

Readings (copy this block for each one)

Location *

Method (choose one)

☐ Hygrometer hood (RH %) ☐ Moisture meter (comparative) ☐ Carbide or oven test

Relative humidity (%) (if applicable)

Meter reading and scale (if applicable)

Moisture content (%) (if applicable)

Temperature (°C)

Hood in place for (hours) (if applicable)

Hood makers and BS 8203 practice: leave the sealed hood for at least 72 hours, then read until the value is stable, or as the hood maker states.

If applicable: The hood has been in place for less than 72 hours. The reading may not have reached equilibrium yet.

Difference from the limit (% RH, above 0 is too wet) (if applicable; worked out automatically in the app)

If applicable: Above the manufacturer's limit. Do not lay the floor covering yet.

Photos (photos: attach, or note the file names)

Readings taken (worked out automatically in the app)

Hygrometer readings (worked out automatically in the app)

Highest relative humidity (%) (worked out automatically in the app)

Readings over the limit (if applicable; worked out automatically in the app)

Readings within the limit (if applicable; worked out automatically in the app)

Relative humidity result (if applicable; worked out automatically in the app)

Compare each relative humidity reading with the lowest limit given by the adhesive and floor covering manufacturers. BS 8203 is the code of practice for installing resilient floor coverings, and BS 8204-1 covers concrete bases and levelling screeds that receive them.

3. Flatness and result

Worst gap under a 2 m straightedge (mm)

Flatness limit from the specification (mm)

The largest gap the specification or the covering manufacturer allows under the straightedge.

Flatness check (if applicable; worked out automatically in the app)

If applicable: The gap is larger than the specification allows. Record the smoothing or grinding needed before the covering goes down.

Damp-proof membrane present?

☐ Yes ☐ No

Result * (choose one)

- ☐ Ready to lay
☐ Ready after preparation
☐ Not ready: too wet
☐ Not ready: other

Preparation needed (smoothing, priming, surface DPM, drying time) (if applicable)

Client or main contractor name

Client or main contractor signature

Completed by *

Signature