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## MEASURES OF RESIDUAL MOISTURE IN SCREEDS WITH RADIANT HEATING SYSTEMS

In the application Standard UNE 56-810:2010 "WOOD FLOORS – INSTALLATION – SPECIFICATIONS" there is a drying protocol for the installation of wooden flooring on these types of supports.

- The screed must be clean, compact, fully consolidated. Moisture shall not exceed 2% in weight.
- There should not be cracks or cervices.
- The system pipelines must be at least 30mm below the edge/surface of the screed.

According to the aforementioned UNE 56-810 in its section 10.3 "Moisture of the screed, drying protocol" it says:

"To force drying the floor radiant heating system itself can be used following the start-up, maintenance and shutdown instructions of the system manufacturer. In the absence of these, the following protocol can be applied:

1. Set up the system and gradually increase the temperature to 2°C to 3°C intervals daily for a week to reach the normal temperature regime of the system. Never exceed 25°C – 26°C.
2. Hold for another week at this temperature until the complete drying of the floor.
3. Gradually reduce the system temperature at intervals of 2°C to 3°C per day until its final shutdown.
4. No installation of wooden flooring work should be undertaken until the screed gets the room temperature.

In the screed which has incorporated a radiant heating system, extreme precautions must be taken when we evaluate its status since the use of levelling compounds can influence the thermal transmission.

It is advisable to use materials that convey heat between the screed and the wooden floor.



**IMA FLOATING FLOORS**



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Berantevilla, 06 September 2016

## C E R T I F I C A T E

### TO WHOM IT MAY CONCERN

We hereby certify that our hardwood engineered flooring of Oak in all its models and qualities is suitable to be laid on an underfloor heating system provided that requirements indicated by IMA are totally fulfilled, copy of which are here enclosed, complied with standard UNE 56-810:2010 and that the of the installed underfloor heating system manufacturer instructions are also followed in the same way.

Yours faithfully,

**IMA FLOATING FLOORS**