AFTERCARE GUIDANCE – LONGFLOOR INTEGRACURE

Curing

Your freshly placed screed should have been cast in a closed environment, free from direct sunlight, through winds and extreme temperatures. It's important that these conditions are adhered to for a period of two days, allowing the screed to mature and cure naturally. Ambient temperature of five degrees centigrade and above, must be maintained during this time framework. Allowing the screed to experience temperatures below 5 degrees may result in surface delamination.

Drying Conditions

After the initial two day period in which the screed begins to cure and set, it then requires good drying conditions in order to reach the desired moisture content for the application of floor coverings.

There are three main factors that should be adhered to at all times when drying the screed.

1. A gentle air flow should be allowed in the room. This will move moisture away from the material.
2. Dehumidification and removal of moisture may also be required. This can be carried out either by opening windows and doors to creative natural ventilation, or by the use of dehumidifiers.
3. Covering over large glazed areas such as bi-fold doors should remain in place to avoid intense direct sunlight on the surface of the screed.

It is advised that dehumidifiers are used overnight as generally there is no natural ventilation in the room when doors and windows will be sealed.

Drying Times

Due to the technology within your IntegraCure® screed, a floor cast at a depth of 50mm should reach a suitable moisture content in order to receive a bonded floor covering after a period of 21 days. Screeds that are cast in excess of 50mm may take longer to dry.

Longfloor
IntegraCure
liquid cement screed

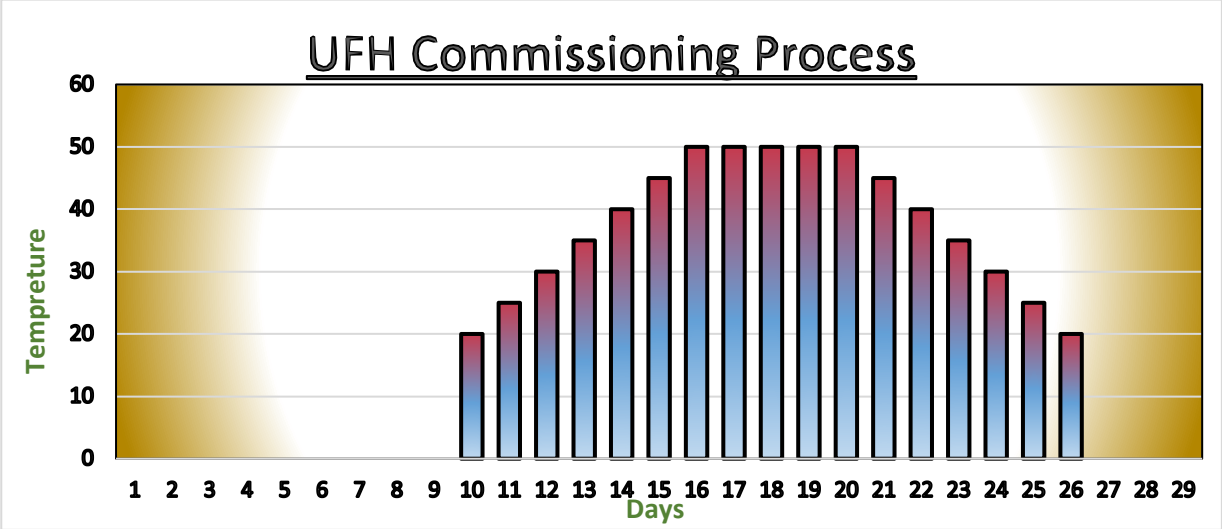
Underfloor Heating Systems

If your screed has been cast over an underfloor heating system, it will require commissioning before application of floor finishes.

This can commence at ten days after installation (See graph below for guidelines).

It is important that before commissioning the underfloor heating, an ambient temperature of around 20˚C is maintained within the room for a period of 24 hours. If the screed is 'cold' when the underfloor heating is commissioned (especially in the winter months), this may lead to the material experiencing thermal shock and potential cracking. It is important this ambient temperature is maintained throughout the commissioning process.

Once the cycle has been complete then the underfloor heating should be turned off in a controlled manner. Once completely off the floor will require testing for moisture content before any floor coverings are carried out.



Moisture Contents

Prior to the application of any floor coverings, the moisture content should be determined using a hair hygrometer or similar method in accordance with BS8203.

The table below shows the target moisture contents:

TARGET MOISTURE CONTENT PRIOR TO APPLICATION OF FLOOR COVERINGS

Impermeable Floor Coverings	<2.5%CM, 4% by Mass,<75% RH (Relative Humidity)

Sanding

IntegraCure® does not produce a laitance that requires sanding post install and is compatible with all adhesives and primers. However, bonding a material/floor covering to any substrate requires the surface to be lightly abraded in accordance with the Contract Flooring Association.