

# **POST INSTALLATION GUIDELINES**

## **LONGFLOOR**

Longfloor is a flowing, pumpable cementitious based screed. It has been designed to provide a fast drying, smooth, level surface for both domestic and commercial applications prior to the application of floor finishes.

## **CURING**

Your freshly placed screed will have been cast in a closed environment. This area must be fully sealed for a period of two days in order to protect from through winds, direct sunlight and frost.

## **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 always be adhered to when drying the screed.

1. An air flow should be allowed blow across the surface of the screed. This will move moisture away from the material.
2. Dehumidification of the moisture is then required. This can be carried out either by opening windows and doors to create natural ventilation, or by the use of dehumidifiers.

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

## **DRYING TIMES**

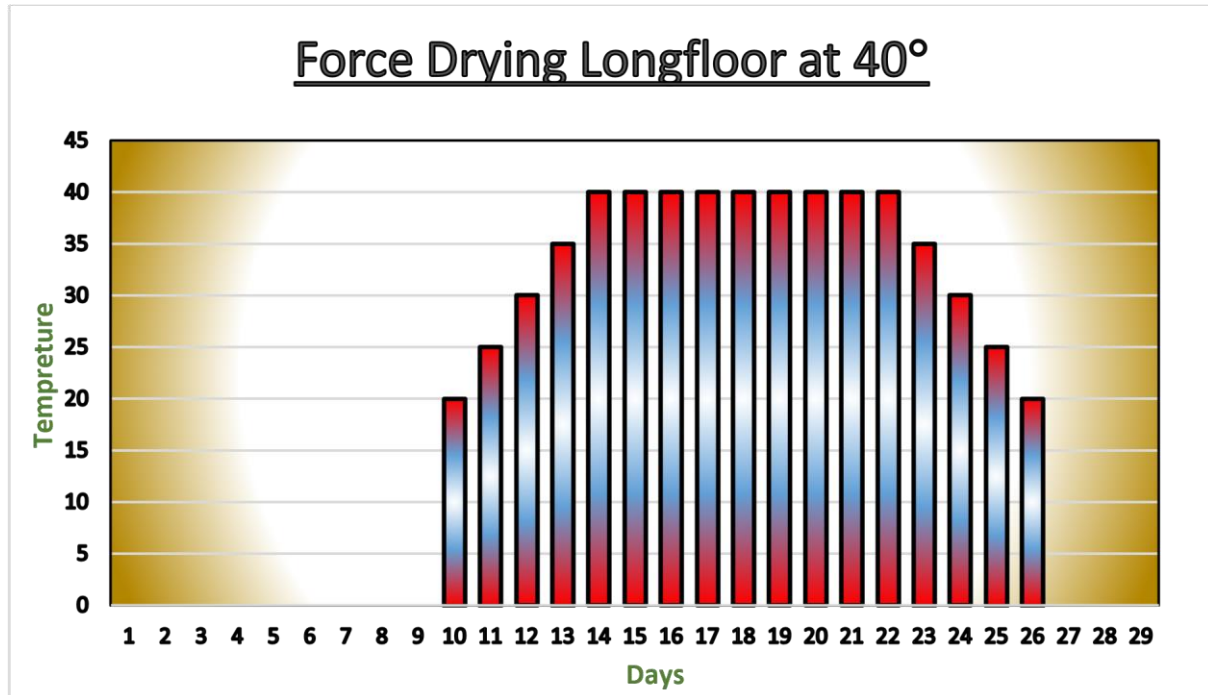
Due to the technology within your Longfloor screed, a floor cast at a depth of 50mm should reach a suitable moisture content in order to receive floor coverings after a period of 21 days. Screeds that are cast in excess of 50mm may take longer to dry. Should good drying conditions not be maintained after placement of the screed however, this may impact on these figures.

## **UNDERFLOOR HEATING SYSTEMS**

If your screed has been cast over an underfloor heating system, it will require commissioning.

This can commence as early as 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 three days. If the screed is 'cold' when the underfloor heating is commissioned (especially in the winter period), this may lead to the material experiencing thermal shock and potential cracking.



**MOISTURE CONTENTS**

Prior to the application of any floor coverings, the moisture content should be determined using a hair hygrometer 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%, <75% RH (Relative Humidity)
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**SANDING**

Longfloor does not produce a laitance that requires sanding 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 Journal.

[Rob Owen screeding ltd liquid/flowing screeds](#)