INVICTUS®
GREAT FLOORING · INVINCIBLE PERFORMANCE

FLOOR HEATING PROTOCOL

INVICTUS LUXURY VINYL FLOORING

THE IMPORTANCE OF A START-UP AND COOLING PROTOCOL:
A floor heating protocol helps to avoid large temperature fluctuations and brings the underlying surface to an optimal condition for laying your new Invictus flooring. Cracks can arise in floor screeds that incorporate floor heating. To reduce this risk, it is necessary to **slowly bring the floor heating up to the required temperature.**
This protocol has been developed for **hot water floor heating** and should be carried out **before** laying your Invictus luxury vinyl flooring. It is recommended to carry out the start-up protocol until the installation has reached **the maximum water temperature of 40 °C**.
It is also important that the floor screed is at final strength:
It is best not to heat cemented floor screeds until 28 days after laying.
This can be done a little earlier with a gypsum plaster floor screed, depending on the quality of the mortar.

!! The start-up protocol should also be followed when restarting the floor heating after laying your Invictus floor.

WARNING: place a thermometer on the floor and if the surface temperature of your Invictus floor has reached 27°C, the water temperature should NOT be increased further and the cooling protocol should be started immediately.

HOW TO APPLY THE START-UP and COOLING PROTOCOL?

1) **Start with a water temperature that is 5 °C higher than the ambient temperature of the room.** Read the water temperature **on the heating installation** (and not from a thermostat in the room!)

2) **Increase the water temperature every 24 hours (or longer) by 5 °C**, until the **maximum water temperature of 40 °C is reached**. An installer may sometimes advise a max. temp. of 55°C, but this considerably increases the risks of cracks and damage! If it is not necessary to keep to 55 °C, then gear the protocol to a max. of 40°C.

3) **Keep the maximum water temperature stable at 40 °C for at least 24 hours.**

4) **Afterwards, reduce the water temperature every 24 hours by 5 °C until the start temperature has again been reached.**

5) **Ideally** (when there is sufficient time) **repeat** this cycle several times.

based on ambient temperature of 15 °C:

START-UP	DAY	WATER TEMP.
START-UP	1	20°C
START-UP	2	25°C
START-UP	3	30°C
START-UP	4	35°C
START-UP	5	40°C
START-UP	6	40°C

COOLING	DAY	WATER TEMP.
COOLING	7	35°C
COOLING	8	30°C
COOLING	9	25°C
COOLING	10	25°C
COOLING	11	20°C
PREFERABLY REPEAT PROTOCOL		