

## **Admonter FLOORs on under-floor heating systems!**

Admonter FLOORs are ideally suited for under-floor heating systems. The surface temperature of 29°C must never be exceeded! The only exception is Beech. This wood type tends to increase crack formation, which is why it is not advisable to use it for installation over-under floor heating systems.

Recommended heating systems:

Low-temperature floor heating systems are recommended (surface temperature up to 29°C). Installation on electrical heating systems (heating mats) is also possible in general, however any form of concentrated heat in one area must be avoided! (shelves, low Futon beds, etc.) Please consult your heating installation technician.

**STIA**

Holzindustrie GmbH



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Company register number. FN237499p • Jurisdiction: Liezen • UID-Nr. ATU57198366  
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## Heating up floor screeds:

1) The screed must be produced properly according to DIN 18353. Also observe the information sheet for heated floor construction from the Central Association of the German Building Trade. The waiting time before heating cement screed ready for floor installation is generally at least 28 days, only with calcium sulphate screeds (anhydrite) around 14 days.

Installation maturity is achieved when the CM measurement yields screed moisture values of 1.8 CM% (cement screed) or 0.3% (calcium sulphate screed / anhydrite). Visible joints and cracks in the screed must always be positively joined (by grouting with two-component synthetic resin) with full-surface gluing and floating installation. Movement joints, deliberately produced by the heating system manufacturer, must be retained in the floor-covering surface.

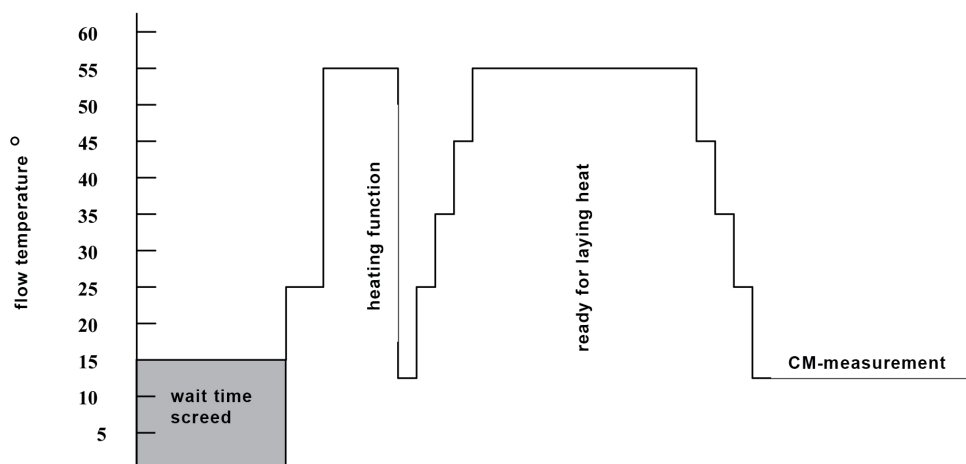
2) When heating to achieve installation maturity the advance temperature must be increased daily by 10° C up to 55° C or the applicable maximum advance temperature (night-time reduction out of service).

3) Heating continues for 11 days at 55° C or with the intended maximum advance temperature without night-time reduction.

4) Reduce heating temperature by 10° C a day until 25° has been reached (night-time reduction out of service).

5) After this, measure the screed surface moisture at the indicated measuring points using a CM instrument. If installation maturity has not been reached, continue heating with approximately 40° C advance temperature until installation maturity is reached.

6) After this, proceed according to the instructions.



Please consult your expert for more details and queries.

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## Admonter FLOORs on under-floor heating systems Record for heating the screed to installation maturity

Object: \_\_\_\_\_

The screed work was completed on \_\_\_\_\_.

\_\_\_\_\_ screed is present.

On average the screed is approximately: \_\_\_\_\_ cm thick.

### Requirements:

Heating to installation maturity must be performed within the scope of the requirements of the information sheet of the Central Association SHK, ZDB and the Central Association of Parquet and Flooring Technology. Installation maturity heating is performed after the 7-day function heating. In general the cement screed will then be at least 28 days and the calcium sulphate screed (anhydrite screed) at least 14 days old. These times must be added to the times of installation maturity heating specified below if the period to installation maturity is estimated.

Installation maturity heating started at: \_\_\_\_\_

1st day: heated to	+25°C advance temperature, night-time reduction out of service	<input type="radio"/>
2nd day: heated to	+35° C advance temperature, night-time reduction out of service	<input type="radio"/>
3rd day: heated to	+45°C advance temperature, night-time reduction out of service	<input type="radio"/>
4th day: heated to	+55°C or intended maximum advance temperature	<input type="radio"/>
5th day up to and incl. 15th day heated with intended maximum advance temperature without night-time reduction		<input type="radio"/>
16th day: lowered to	+45°C advance temperature, night-time reduction out of service	<input type="radio"/>
17th day: lowered to	+35°C advance temperature, night-time reduction out of service	<input type="radio"/>
18th day: lowered to	+25°C advance temperature, night-time reduction out of service	<input type="radio"/>

\*tick off if applicable

19th day: Moisture measurement with the CM measuring instrument at the shown measuring points.

If installation maturity was not reached:

- > continue heating with approximately 40°C advance temperature up to installation maturity with renewed CM moisture measurement ☐
- > mechanical drying ☐

Installation maturity was reached: \_\_\_\_\_

> CM measurement \_\_\_\_\_ value in CM%

During heating and cooling the rooms were ventilated and draughts avoided. The heated floor heating system will be kept in operation at +25°C advance temperature until the completion of the installation work. After another 5 days the floor heating system can be switched to normal operation. During utilisation ensure a room climate value of approximately 20°C (+/- 2°C) and a relative humidity of 40-60%. The above values have a major effect on the swelling and shrinking behaviour of parquet and wide plank floors. Warranty can only be accepted if the heating record is filled out completely and signed. Our special installation instructions must always be observed for floating installation and full-surface gluing.

Place/date \_\_\_\_\_

Stamp/Signature: Heating installation company

Signature Owner/Architect