



Altro flooring information

Altro flooring and underfloor heating

In the past, Altro used to recommend a maximum figure for underfloor heating of 30°C without any reported problems. However, due to the concerns of flooring manufacturers that some underfloor heating systems could operate at up to 35°C, the following guidelines were agreed by the UK Resilient Flooring Manufacturers, of which Altro is a member, and should be followed;

- Before any floor covering is installed, the heating system should be commissioned to ensure it is functioning correctly, and to ensure the screed is dry and in a stable state to receive the flooring. When the screed containing the heating system has been laid, cured and dried, prior to installing the flooring, it should be heated very slowly to its operating temperature and maintained for several days before cooling down to room temperature, but not below 15°C.
- Ensure that the underfloor heating is switched off 48 hours prior to the floor covering installation commencing and remains off for at least 48 hours after the installation is complete.
- The temperature of the heating system should be increased gradually over a number of days, by only a few degrees per day, until the desired room temperature is reached. The temperature at the underside of the floor covering, i.e. the adhesive line, should never exceed the floor covering industry agreed maximum of 27°C.
- During the period of decommissioning of the underfloor heating system, an alternative heating source should be provided, if required, to ensure that the area of installation is kept at a constant temperature between 18°C - 27°C.

Failure to follow these guidelines can result in the floor covering de-bonding, joints opening, and on some occasions discolouring. All of which can occur within a long or short period of time.

For further information or technical advice

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Altro adhesive-free flooring and underfloor heating

Altro adhesive-free flooring can be installed over underfloor heating which has been commissioned in accordance with BS 8203:2017, and switched off for a period of 48 hours prior to commencement of installation. Upon completion of the flooring installation, the underfloor heating is switched on and gradually increased in temperature over a number of days by 5 degrees per day until the desired temperature is reached. The temperature should not exceed the floor covering industry agreed maximum of 27°C at the underside of the floor covering.

If the heating has not been commissioned, upon completion of the flooring installation the underfloor heating should be switched on and gradually increased in temperature over a number of days by 5 degrees per day until the desired temperature is reached. The temperature again should not exceed the floor covering industry agreed maximum of 27°C at the underside of the floor covering.

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