

## AQUA-STEP in combination with underfloor heating

All AQUA-STEP flooring is suitable for underfloor heating in case the aspects underneath are followed:

### → Beforehand

- the heating elements of the (warm water) underfloor heating must be embedded in the basic floor.
- the tubes must be min. 3 cm underneath the surface.
- the heating system must be tested according to the directions of the installer before the laminate flooring is laid.

### → Installation

Before you start, switch of the underfloor heating as the floor should not be higher than 18°C before , during and 24 hours after installation of the laminate.  
leave an expansion gap of 8 to 10 mm on all wall sides and around obstacles.

### → The heating

After the installation of the floor wait at least 24 hours before you switch on the underfloor heating again and increase the temperature gradually.  
always change the temperature gradually (max. 5° C/day) - also at the start and the end of the heating period

**the contact temperature must not exceed 28°C; the maximum warm water temperature is 50° C.**

### → Values (according to norm ISO 8302 - 1991)

The highest acceptable heat conduction (R) of floor covering is 0.15 K\*m<sup>2</sup>/W.  
In case of electrical floor heating, the value of 60 W/m<sup>2</sup> must not be exceeded

Thickness	Heat conduction R
8mm	0,054 m <sup>2</sup> .K/W