

AGT LAMINATE FLOORING USER GUIDE AND CONFORMITY CERTIFICATE (AC3, AC4 and AC5) IN FLOOR HEATING SYSTEMS

APPLICATION

AGT Laminate Flooring, subject to the following conditions: It is suitable to be used in heated structures from the ground.

- The floor must be dry, clean, dust free and free from corn.
- Laminate Flooring can be laid on water-heated systems at the bottom. Since laminate Laminate Flooring has high heat coefficient, it does not prevent heat transfer. It uniformly distributes the heat uniformly to the surface. Because of these properties, Laminate Flooring is a suitable material that significantly reduces heating costs compared to other flooring materials.
- If the surface to be applied is an electric floor heating system, the floor heating system is suitable for laminate flooring even if it is in a slab or concrete layer.
- **Disposal of floor screed:** Floor screed; The laminate should be laid in accordance with the standards to be suitable for the application of Laminate Flooring (the fluctuation on the surface should be max.4 mm in 1 meter)
- **Preheating:** Preheating is required before the installation process to bring the substrate to the proper level from the floor.
- **Concrete Floors:** Pre-heating should be done after leaving for 3 weeks according to the season conditions in newly completed structures.
- **Preheating Process:** Heating is carried out at 25 ° C for 12 hours on day 1, the heating at night is discontinued. 2nd day, Heating is carried out at 35 ° C for 12 hours, the heating at night is discontinued. On the 3rd day, heating is carried out for 12 hours at 45 ° C, the heating at night is terminated. Heating is carried out at 55 ° C on the fourth day, heating is continued without interruption at 55 ° C until the 16th day. On the 16th day, heating is carried out at 45 ° C for 12 hours, night heating is discontinued. On the 17th day, heating is carried out at 35 ° C for 12 hours, night heating is discontinued. On day 18, heating is carried out at 25 ° C for 12 hours and the system is left to rest.
- **Anhydride Floors:** After finishing for 1 week according to seasonal conditions in new finished buildings, it should be heated up.

- **Preheating Process:** The process is done as done on concrete floors.
- **Test of the Soil Foundation:** 24 hours before the end of the heating process, 50x50 cm size polyethylene film is taped from the edges and adhered to the floor. After 24 hours there is no condensation in the film and the floor is ready for installation if the color of the floor is not different.
- **Using flooring protection products:** In cases of using underfloor heating system special isolation material derivatives should be applied. These materials should have low Thermal Transmittance Resistance R (m² K / W), that means they should have good thermal conductivity, and also should have SD> 75m value for protection against moisture. It should be ensured that the isolation materials are sealed with at least 20 cm tape in order to prevent moisture penetration.
- Leave a space of 15 mm between the Laminate Flooring and the wall, and the skirting boards should not fall into the Laminate Flooring. That is, the floors should be laid on the floors.
- Laminate flooring in under floor heating systems is suitable up to 27 ° C. The surface temperature should not exceed 25°C.

**WE WISH YOU TO USE IT FOR GOOD DAYS, THANK YOU FOR
CHOOSING AGT LAMINATE FLOORING.**