

LDK Construction entry requirements for wood flooring system

Requirements for the site environment for the installation of sports wood flooring systems

Basic conditions for entering construction (Those marked with * must use a contact sheet for construction site confirmation)

1.The site should have been powered on and has sufficient lighting conditions during the day. If the construction period is tight, sufficient lighting must be provided;

*2. When disassembling and assembling the floor, it is necessary to ensure that the flatness of the concrete surface of the venue meets the requirements of the German DON-18032 standard and the national standard GB50209-2010 "Construction Quality Acceptance Code for Building Ground Engineering".The surface layer deviation is within 5mm of a 2-meter ruler. The overall flatness is allowed to have a slope of one thousandth, that is, a 15mm drop is allowed within a 15-meter range.

Concrete strength needs to reach C25

3.The decoration of the ceiling and interior walls has been completed, the lighting project has been installed, and the scaffolding in the museum has been removed;

4.The ventilation system in the venue should have been installed and debugged. Ventilation can be carried out according to the construction requirements of the wooden floor contractor.

5. The optimal environmental conditions for the installation and use of sports wood flooring are relative air humidity of 35%-50%.In order to cope with the moist

weather, rainy season or the heating and geothermal environment in the winter for some area. If the relative air humidity in the venue continues to be greater than 90% or less than 30% for more than three days, the venue owner shall effectively adjust the indoor air humidity through air conditioning or humidification and dehumidification equipment.

***6.** Doors, windows and glass should have been installed in place and can be closed and opened at any time according to the construction requirements of the wooden floor to prevent rainwater from entering.

7. The passages for cargo transportation and handling should be ensured to be smooth. Make sure there is storage space for cargo tools. Ensure that the wooden flooring will not be exposed to risks such as rain and theft after arriving at the site.

8. The foundation strength standard must reach C25 or above. If there is any hollowing, cracking or sanding, the foundation should be redone.

*** 9. The moisture content of concrete must be less than 14% before construction begins.** It is recommended that the foundation meets a 28-day maintenance period and a drying period of more than 10 days after the maintenance period. The specific time of the drying period depends on the actual conditions of the construction site.

10. Venues that need to install a sports wooden floor system must lay a polyurethane waterproof layer between the concrete layers inside the foundation.

11. The installation and debugging of fire protection facilities must be completed before the floor comes into site. If the check and acceptance cannot be arranged, the fire-fighting equipment in the venue should be tested with water and pressure first. If there is any leakage problem, it can be discovered early to avoid flooding the floor after the floor is installed.

12. There must be no water leakage in the venue. If there are more than five water leakage points, the wood flooring will not be allowed to enter the venue.

13. It is necessary to make corresponding plans for termite damage in the area where the venue is located, and ask a local professional company to perform anti-termite treatment on the foundation and wooden floors.