

**STORING AND
INSTALLATION
CONDITIONS**

Oak flooring (solid and engineered) should be stored in its original packaging on even ground, in dry premises. All “wet” construction works involving water and increased moisture must be completed prior to flooring installation. The premises should be well ventilated with relative air humidity reaching 40–60% and room temperature +16–24°C. To enjoy flawless oak flooring for years, the same conditions should be maintained all the time after installation.

SUBFLOOR

Solid and engineered oak flooring can be installed on:

- concrete
- OSB subfloor
- veneer subfloor
- wooden beams

The surface should be evenly flat and stable, clean and dry. If leveling compounds are used, their adhesion strength must be $\geq 1,5$ MPa. The subfloor should be well isolated from any source of underneath moisture. Concrete subflooring humidity cannot exceed $\leq 3\text{CM} \%$, OSB and veneer $\leq 12\% \text{ KD}$.

EXPANSION GAPS

Due to changes in relative air humidity hardwood flooring might swell or shrink. Therefore, the expansion gaps of min 15–20 mm for solid hardwood flooring and 8–15 mm for engineered flooring must be left along the perimeter and all permanent structures (walls, stairs, tiles, etc). In large areas the expansion gaps should be left every 6 meters in width for solid hardwood flooring and every 12 meters in width for engineered flooring. Expansion gap should run in the direction of floorboards.

SANDING AND OILING

If the floorboards are prefinished and will be coated on site, after installation the flooring should be sanded with N100–120 grid sanding paper. Afterwards the dust must be cleaned carefully. Special wood dust cleaners are recommended. For oiling or varnishing please follow the instructions of the chosen product.

HEATED SUBFLOOR

Hardwood flooring can be installed on the water–heated subfloor but the installation and maintenance instructions should be followed strictly, because radical variations in temperature and air humidity might cause flooring defects such as cracking or overshrinking. The heating system should be leveled out to heat the whole flooring area evenly. It should be switched off during installation. After installation the oak flooring temperature should be increased gradually max 5°C per 24 hours and must not reach $\geq +27^\circ\text{C}$. In general, flooring temperature should not vary more than 5°C per 24 hours. The premises should be well ventilated with relative air humidity reaching 40–60% and room temperature +16–24°C.

**OILED FLOORING
MAINTENANCE
AND RENOVATION**

Rubio Monocoat oiled flooring can be cleaned regularly with damp cloth and water, special Rubio Monocoat soap for oiled flooring is recommended. No excess water should be left on the floor.

For renewal maintenance please use Rubio Monocoat Maintenance Oil or Rubio Monocoat oil 2C.