

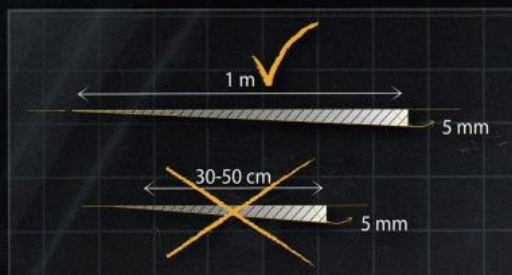
For long life of the parquet system it is crucial to ensure the required moisture content of the sub-flooring and the optimal air humidity in the premises where the flooring will be installed.

In case of a wet sub-flooring the parquet and the underlay will assimilate excessive moisture which will lead to the swelling and warping of the parquet blocks. Before installation it is necessary to make sure that the moisture content of the sub-flooring does not exceed the prescribed % value.

Concrete Cement composition	< 1,8 cm%
Anhydrite composition	< 0,3 CM%

The installation can as well start if the sub-flooring moisture content exceeds the prescribed value, but does not reach 5%. In such cases the use of moisture barrier Grabo Vaporex is recommended. If Grabo Vaporex moisture barrier is not available, apply polyethylene membrane underneath the sports parquet floor. In this case, however, the moisture content of the sub-flooring must not exceed the values specified in the table.

Due to its structure, the underlay helps to compensate for smaller surface errors; the flexible foam layer is able to absorb up to a 5 mm level difference per meter. Use leveling compounds to eliminate level differences larger than that and to repair any local surface irregularities in order to provide a true level base.



INSTALLATION OF THE GRABO SPORTS PARQUET FLOORS

INSTALLATION OF THE GRABO VAPOREX MOISTURE BARRIER (OPTIONAL)

In cases when the sub-flooring moisture content is higher than the prescribed value, but lower than 5% (fresh concrete or wet slab), the installation can start with laying down the moisture barrier Grabo Vaporex.

Grabo Vaporex should be installed on the properly prepared sub-floor, with pattern side facing down. By the walls the edges of the underlay should be folded up for at least 10 centimeters.

The underlay should be unrolled and placed edge-to-edge. The edges must be fastened on the back (i.e. top) side with polymeric adhesive tape. It is recommended that Grabo Vaporex should be installed crosswise, along the shorter axis of the gym hall.

[ATTENTION! WHEN USING GRABO VAPOREX, YOU SHOULD EXPECT THE MOISTURE TO MIGRATE THROUGH THE SUB-FLOORING AND EXIT ALONG THE WALLS. THIS CAN LEAD TO INCREASED HUMIDITY IN THE GYM HALL. THE AIR HUMIDITY SHOULD BE MONITORED AND STEPS SHOULD BE TAKEN TO ENSURE PROPER VENTILATION OF THE PREMISES.]

INSTALLATION OF THE GRABO SPRINGAIR UNDERLAY COMPONENTS

The installation of the underlay sheets is fast and easy. They should be laid across the gym hall in such a way that the foam underlay extending along the short edge should be aligned with the binding planks in the direction of advance. During installation of the underlay an expansion clearance should be left along the walls in accordance with the gym size.