

The selected flooring similar to Lumaflex Energy Omnisports Reference Multi-use must comply with **EN 14 904 standard** requirements and is classified **C4**.

Combined system providing a **combined elastic deformation**, made of PVC fully glued on a birch plywood sub construction.

The system, at least, **36.3 mm thick**, is composed of polyethylene film, 60kg/m³ density PU foam, **15mm thick 100% birch plywood board** with **double tongue & groove interlocking system** and PVC top layer.

The **fire resistance** according to EN13501-1 should be at least **Cfl-s1**.

The PVC top layer, 6.2mm thick should be **100% phthalate free**. Its emission rate of volatile organic compounds in air is very low, measured after 28 days according to EN standard 16516. Close to zero emission (quantification limit), **TVOC, TSVOC and formaldehyde emissions are below 10 µg/m³**.

The PVC top layer should be **100% recyclable**. The clean off cuts can be collected, recycled and reused in the production of vinyl floor coverings through **Restart® program** or similar.

The product must **comply with REACH program recommendation**.

Product **warranty should be equal or superior to 10 years**.

Before installing the floor coverings, a slab check is mandatory: **holes and bumps should not exceed 6mm, under the 3m ruler**.

The temperature should be high enough to allow the installation in good conditions (see manufacturer's recommendations). All fees connected to the heating of the gyms will be imposed to the owner of the building.

The installation should be performed in accordance with **local requirements** and in conformity with **manufacturer's installation guide recommendations**.

The product should be recommended by international federations of **Basketball- FIBA** and **Handball – IHF**

Available documentation & certificates

- Technical datasheet
- Multi-language DoP (Declaration of Performance)
- EN 14904 certificate of compliance
- Reaction to fire test report
- Installation guide
- Maintenance guide
- FIBA and IHF certificates

If any doubts or clarifications should be needed, please contact your local Tarkett Sports representative for further information.