

## Product Description Sheet

### ***Objective of the document***

Provide precise and detailed information regarding supply and installation of indoor sport coverings. Installation should be carried out in accordance with standards in force.

### ***Analysis and choice of the appropriate product***

Product complex must comply with the EN 14 904 standard requirements.

Sport vinyl floor complex made of Omnisports Excel on Tarkolay or equivalent complex

**Top layer** reinforced with a non-woven fibreglass mat combined with an high density foam with closed cells.

Product must be protected with a polyurethane treatment reinforced with alumina particles.

Foam backing must be deeply embossed to reinforced the suction effect

Product must be 2m wide

Total thickness equal or thicker to 9.6mm, the complex must offer the same top embossing between uni, all-over and wood designs.

Wear layer must be class T = transparent

**Underlay** must be made of a glass fibre mat coated to optimize dimensional dimensionality.

There must be studs on backside to optimize substrate ventilation

The system should offer a dimensional stability < 0.10%.

The abrasion test results should show a value lower than 0.15g

Shock absorption must be superior or equal to 35%.

Vertical deformation must be lower than 1.5mm

Top layer VOC must be lower than 100µgr/m<sup>3</sup>

Top layer content recycled material must be more than 18%

Product complex must comply with REACH program recommendation (no hazardous components)

*System must be phthalate free (from June 2014)*

Product complex warranty equal or superior to 10 years

### ***The installation***

Subfloor evenness: holes and bumps should not exceed 6mm, under the 3m ruler.

The temperature of the substrate, in-room temperature should be in accordance with manufacturer recommendations.

Top layer must be fully bonded on top of the underlay (see the manufacturer's installation guide). The moisture content of the slab will not exceed 10% (at 4cm depth in the subfloor).

Underlay must be semi loose laid onto the substrate.

### ***Documentation to be provided***

Technical Data Sheet

Declaration of performance (DOP)

Safety data Sheet

Declaration of contents

EN 14904 compliancy certificate

Fire resistance test