



# OMNISPORTS

The **True Indoor Sports** Surface



An ISO 9001 : 2008  
Certified Company



**OMNISPORTS** is the perfect surface for all Indoor sports:  
Basketball, Badminton, Volleyball, Table Tennis...

Its unique design combining playability, grip and shock absorption ensures superior performance. Its **BounceBack** technology provides for excellent energy-restitution.

OMNISPORTS is also ideally suited for multi-purpose (non-sports) usage in Gyms, Cafeterias, Club Houses etc. The product's durability can withstand the placement of chairs and tables. Hence it serves as an excellent and cost-effective alternative to Wooden surfaces.

**FieldTurf Tarkett**





## 1. TOP CLEAN X-TREME PERFORMANCE PROTECTION

Photoreticulated polyurethane treatment reinforced by extremely durable micro-particles.

### Active protection:

- ♦ Easy maintenance.
- ♦ No stripping.
- ♦ Provides excellent protection against: scratches - sole marks - rubber stains.
- ♦ Excellent surface friction for improved grip control.

## 4. DIMENSIONAL STABILITY

Foam PVC sub-layer with an unwoven fiberglass mat.

## 5. REINFORCEMENT

Compact PVC layer

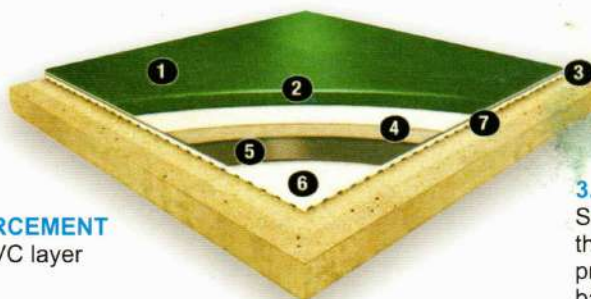
## 6. OMNISORB WITH HCF TECHNOLOGY

Shock absorbent, highly cellularised, acoustic chemical foam.

This highly cellularised foam has an extremely dense cellular structure. In addition to providing unrivalled acoustic comfort and ideal impact absorption, OmniSorb's **BounceBack** Technology also facilitates natural ball bounce levels.

## Available colors

|              |             |       |              |
|--------------|-------------|-------|--------------|
| Black        | Sky Blue    | Beech | Classic Oak  |
| Grey         | Field Green | Maple | Gunstock Oak |
| Royal Blue   | Red         |       |              |
| Forest Green | Orange      |       |              |
| Teal         | Yellow      |       |              |



## 2. RESISTANCE

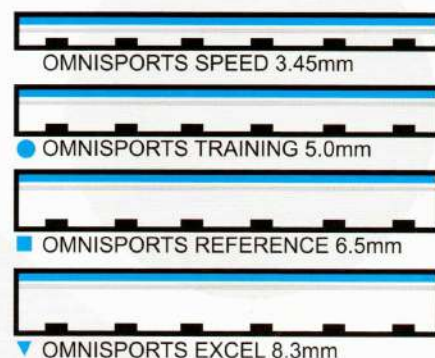
Pigmented wear layer made from pure PVC.

## 3. IMPROVED HYGIENE

Sanitized treatment located within the flooring system helps to protect against the localization of bacteria and fungus.

## 7. ADHESION

Scientifically engineered honeycomb backing for perfect adhesion to base.



## OMNISPORTS - Product Characteristics

| CHARACTERISTICS       | SPEED                                   | TRAINING               | REFERENCE   | EXCEL   |
|-----------------------|---|------------------------|---|---|
| Weight                | 3.295 Kg/m <sup>2</sup>                 | 4.20 Kg/m <sup>2</sup> | 4.710 Kg/m <sup>2</sup>   | 6.150 Kg/m <sup>2</sup>   |
| Width                 | 2m                                      | 2m                     | 2m  | 2m  |
| Length                | 20.5m                                   | 20.5m                  | 20.5m   | 20.5m   |
| Thickness             | 3.45mm                                  | 5mm                    | 6.5mm   | 8.3mm   |
| Fire Classification   | Cfl-S1                                  | Cfl-S1                 | Cfl-S1  | Cfl-S2(loose laid +Tarkolay) Cfl-S1 (glued installation)            |
| Slipperiness          | 95                                      | 100                    | 88  | 103   |
| Gloss                 | 15.6%                                   | 11%                    | 14.4%   | 10.8%   |
| Shock Absorption      | 5.6%                                    | 19%                    | 26%(loose laid)<br>27%(glued installation) 28% (Tarkolay)           | 32%(loose laid)<br>33%(glued installation) 34% (Tarkolay)           |
| Vertical Deformation  | 0.4mm                                   | 1.0mm                  | 1.1mm (loose laid)<br>1.3mm(glued installation+Tarkolay)            | 1.2mm (loose laid)<br>1.3mm(glued installation) 1.4mm (Tarkolay)    |
| Vertical Ball Rebound | 98%                                     | 98.4%                  | 100%(loose laid +Tarkolay) 99% (glued installation)                 | 100%(loose laid)<br>99%(glued installation)-98%(Tarkolay)           |
| Rolling Load          | <0.5mm No damage                        | 0.22mm                 | 0.3mm(loose laid and glued installation)/0.4 mm (Tarkolay)No damage | 0.1mm(loose laid and glued installation) 0.3mm (Tarkolay) No damage |
| Abrasion              | 0.128g                                  | 0.13g                  | 0.098g  | 0.129g  |
| Colours               | 15                                      | 14                     | 14  | 14  |
| Warranty              | 5 years                                 | 5 years                | 5 years   | 5 years   |
|                       | C E 08<br>EN 14 904<br>on Lumaflex base | C E 08<br>EN 14 904    | C E 09<br>EN 14 904   | C E 09<br>EN 14 904   |

## Developed according to 6 criteria:



### Impact absorption or force reduction:

This is the best-known notion as it determines the suitability of a system to absorb impacts, the system thus becoming more comfortable as this value rises.



### Deformation:

Deformation is standardized, as a finish that is too "soft" would be dangerous, especially when changing direction



### Restitution of energy - Elasticity:

This notion, although determining, is not measured under the DIN standard, it indicates the capacity of the finish to restore the energy of an impact, just after its absorption.



### Grip:

The security of grip is, in part, guaranteed when the sole of the shoe and the finish come into contact. It must provide sufficient grip, but must not slip too much.



### Ball bounce:

Although the finish must absorb impacts, it must also give a bounce close to that of a concrete slab, a complex balance, particularly in the case of floors with surface deformation.



### Refurbishment or regeneration:

Some of the finishes can be regenerated. It is thus possible, if action is taken in time, to extend their use and their lifespan.

# FieldTurf Tarkett

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