

SPORTFLEX M PRODUCT SHEET

**SPORTFLEX M
OUTDOOR MULTISPORT FLOORING**

Upper layer



Under layer

Mondo's latest generation of prefabricated athletic flooring, a true versatile surface designed to meet multipurpose needs in outdoor conditions.

Prefabricated sheet rubber surface produced in 6, 8 and 11 mm thickness. Manufactured in two different layers vulcanized together using the state of the art process and technology which ensure that biomechanical and physical properties will remain consistent over the product useful life. The two layers – each with its own specific characteristics – are vulcanized to produce a continuous and seamless product. In contrast to other systems that are poured in situ, this process creates a molecular bond that eliminates the risk of later separation or delamination of the layers.

Upper layer:

The shore hardness of the top layer is greater than that of the bottom layer. The top layer provides elasticity and traction in dry and wet conditions. The wear layer mixture has been significantly improved, as it incorporates pre-vulcanized rubber granules of the same color of the surrounding rubber-based paste. The top performance layer has also a new texture, a redesigned tessellation pattern improves ball bounce for all sports played with a ball. The formulation of the top layer was also improved to minimize the impact of weathering in outdoor applications.

Sportflex M top layer is designed to respect rotational and linear coefficient of friction movements associated with competitive activity. The rubber-based top layer is

SPORTFLEX M PRODUCT SHEET

engineered with an adjusted coefficient of friction to accommodate sports requiring a high level of pivot movements. The non-reflecting texture improves ball bounce and provides an efficient water flow in rainy conditions for outdoor applications

The special formulation enhances the product's ability to withstand heavy traffic and abuse in multipurpose settings. It is also suitable for light spike traffic.

Sportflex M upper layer is free of surface coatings and loose granules that might compromise traction and make the material difficult to clean. Sections of material can be easily replaced with identical material and a virtually invisible seam.

Thanks to the innovative new formulation, Sportflex M guarantees a high resistance to weathering, and will provide superior protection against unpredicted climate changes and the increased risk of extreme weather.

Under layer:

The bottom layer consists of a waffle-shaped geometric construction, deformable in two dimensions, that provides cushioning and energy return

The comfort under layer is designed around a number of features intended to bring an advanced deforming geometries that provide enhanced vertical deflection and improved lateral support, increasing shock absorption at the same time ($\geq 25\%$ in the 11 mm thickness).

Product composition: Sportflex M has a "Green" composition:

This article is produced in compliance with the European Regulation REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), that addresses the production and use of chemical substances based on their potential negative impacts on human health or the environment.

Sportflex M is free of chemical substances that might cause harmful effects to human health or the environment, such as Organobromine compounds, Per- and Poly-fluorinated Chemicals (PFCs), Phthalates, and any other known Persistent, Bioaccumulative and Toxic Chemical (PBT), Carcinogenic, Mutagenic and Reprotoxic Chemical (CMR), or any Substance of Very High Concern (SVHC) as listed by the European Chemicals Agency (ECHA).

Material content:

- $\geq 40\%$ by weight of pre-consumerⁱ materials.

SPORTFLEX M PRODUCT SHEET

- $\geq 6\%$ by weight of rapidly renewal contentⁱⁱ.

The product is classified by independent laboratory as Non-Hazardous Waste with EWC Code 170203 (plastic) in accordance with the European Waste Catalog.ⁱⁱⁱ

Sportflex M can be produced for indoor application under request.

Certificates:

This product is designed and manufactured according to UNI EN ISO 9001 certification.

The product is certified in accordance with EN14877- outdoor multisport ($KA \geq 25\%$ for the 11 mm thickness) in external independent laboratory.

LABOSPORT

TEST REPORT

14-0410IT

Issued on February 24th 2014

CLIENT
MONDO SPA

PRODUCT NAME
SPORTFLEX M

TYPE
OUTDOOR SURFACE FOR MULTISPORT FACILITIES

Test according to:
**EN 14877:2013 Synthetic surfaces for outdoor sports areas –
Specification for synthetic surfaces intended for multisport facilities**

This report may not be used for commercial purposes unless it is reproduced in its original form.

The results are valid only for the submitted samples as described in this report

Labosport Italia S.r.l.
Via Mondo, 80 - 23070 CERNAUSCO (LOMBARDIA) (LC)
Tel. +39 039 694.62.15 - Fax +39 039 968.51.68

www.labosport.it
labosport@labosport.it

International Sport Federations

ITF (International Tennis Federation) Classified as Medium-Slow (2) Court Pace.

FIBA Certificate of Approval, inside Synthetic Flooring Category.

SPORTFLEX M PRODUCT SHEET

Indoor version specific additional standards:

SPORTFLEX M I version is fire-rated Cfl-s2 in accordance with the European Standard EN 13501-1.

It is also been tested in accordance with the following schemes and standards for Indoor Air Quality programs (Volatile Organic Compounds emissions):

*French scope (2011-321): The product is rated A+ according to the French Regulation on the Labeling of Construction Products or Floor and Wall Coatings and Paints and Varnish on their VOC Emission Rate.

*GREENGUARD Gold Certified: It offers stricter certification criteria, considers safety factors to account for sensitive individuals, and ensures that a product is acceptable for use in environments such as schools and healthcare facilities.

Installation and Maintenance:

The product must be stored and installed in appropriate conditions, including suitable protected premises at guaranteed minimum and maximum temperatures and humidity, as fully described in *MONDO's Storage and Installation Instructions*.

The product must be used and maintenance following the premises described in *MONDO's Use and Maintenance Instructions*.

Color range and product format:

Please visit MONDO website (www.mondotrack.com) for updated color range available and product format and dimensions.

ⁱ Same as Post Industrial, materials in a product that is recycled from manufacturing waste.

ⁱⁱ Rapidly renewal materials: natural, non-petroleum-based building materials that have harvest cycles under 10 years.

ⁱⁱⁱ The European Waste Catalogue forms a consistent waste classification system across the EU. Each waste is given a code number and it is classified as HAZARDOUS or NON HAZARDOUS. A Non-Hazardous waste does not contain characteristics of corrosivity, reactivity, explosiveness, toxicity, flammability, infectivity, ecotoxicity. In a nutshell, it does not present a sub risk to public health or cause adverse effects on the environment.