



# FLEX SPORTS



The ultimate flooring  
The ultimate performance



# FLEX SPORTS

SOLID COLOR



Mint Green 6602



Orange 6901



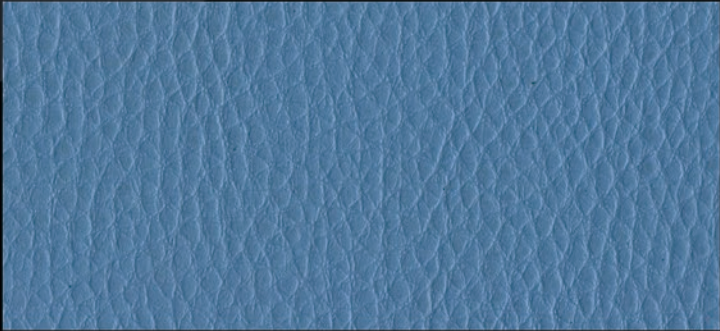
Red 6180



Blue 6401



Yellow 6205



Sky Blue 6403



Black 6830



Grey 6303



Medium Blue 6450



4.5mm



6.0mm



8.0mm

# FLEX SPORTS

WOOD



Maple Wood 6381



Oak Wood 6357



Brown Wood 6301



Grey Wood 6302



Blue Wood 6303



Classic Wood 6304



Dark Wood 6305



Light Wood 6306

# FLEX SPORTS

PROFESSIONAL



Red 1001



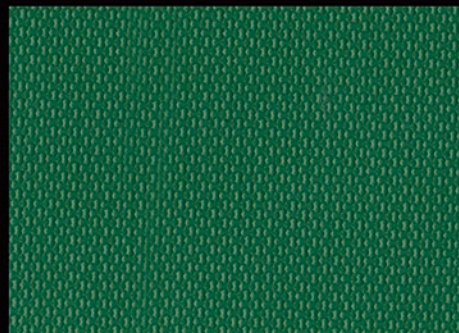
Green 1002



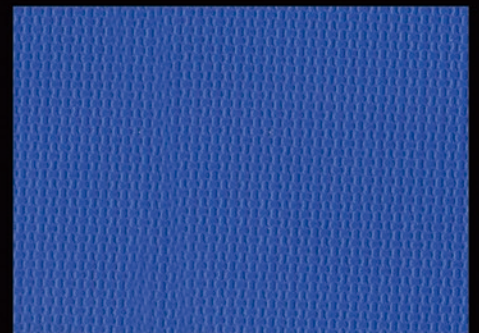
Blue 1003



Red 2001



Green 2002



Blue 2003



Red 3001



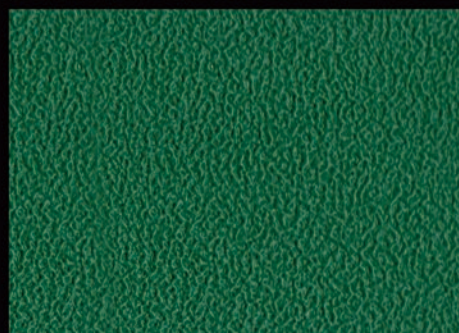
Green 3002



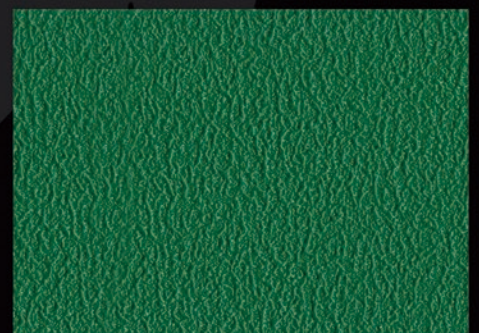
Blue 3003



Green 4001



Green 4002



Green 4003

# FLEX SPORTS

## SPORTS CHARACTERISTICS



### Shock absorption

Absorbs impacts from jumps and protects the joints and muscles involved, making exercise a more comfortable and enjoyable experience.



### Vertical deformation

Excellent power return enables athletes to increase their on-court performance. Superior vertical stability eliminates "area" indentation.



### Superior ball bounce

A good sports floor has identical ball bounce in all areas and all across the floor.



### Sliding properties

Optimal slip coefficient offers natural grip avoiding falls and accidents, provides a safe playing surface.



**Badminton**

**Basketball**

**Table Tennis**

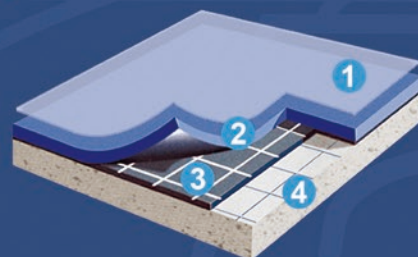
**Dance floor**

**Food service Area**

**Volleyball**

**Gymnasium**

**Education**



### 1 Easy maintenance

PUR coating provides excellent resistance to dirt build-up while providing a durable surface that's easy to maintain.

### 2 100% vinyl wearlayer

Superior durability and the sports floor life expectancy is 15 years above.

### 3 Reinforced woven fiberglass inner layer

This provides even greater indentation resistance and shock absorption while increasing the overall durability of the surface complex.

### 4 Closed cell foam backing

Excellent shock-resistance. Superior stability, no shifting underfoot. Good energy return for extended activities.

# FLEX SPORTS

TECHNICAL DATA	STANDARD	FLEX 4500	FLEX 6000	FLEX 8000
<b>PRODUCT DESCRIPTION</b>				
Total thickness	EN 428	4.5mm	6.0mm	8.0mm
Roll width	EN 426	1.5m / 1.8m	1.5m / 1.8m	1.5m / 1.8m
Roll length	EN 426	20.0m	20.0m	20.0m
Weight	EN 430	3.2kg/m <sup>2</sup>	4.5kg/m <sup>2</sup>	5.8kg/m <sup>2</sup>
<b>PRODUCT DESCRIPTION</b>				
Shock absorption	EN 14808	21%	31%	36%
Sliding coefficient	DIN 18032	0.4 - 0.6	0.4 - 0.6	0.4 - 0.6
Energy return	NF P 90 203	≥0.31	≥0.31	≥0.31
Ball bounce	EN 12235	≥90%	≥90%	≥90%
Vertical deformation	EN 14809	≤3.5mm	≤3.5mm	≤3.5mm
<b>PRODUCT DESCRIPTION</b>				
Abrasion resistance	EN ISO 5470-1	≤350mg	≤350mg	≤350mg
Impact resistance	EN 1517	≥8	≥8	≥8
Indentation Resistance	EN 433	≤0.5mm	≤0.5mm	≤0.5mm
Fire resistance	EN 13501-1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1
Light resistance	EN 20 105-B02	>6	>6	>6
Chemical resistance	EN 423	excellent	excellent	excellent
Dimensional stability	EN 434	<0.1%	<0.1%	<0.1%
Anti-bacterial	---	yes	yes	yes
Sound isolation	EN ISO 717/2	21dB	22dB	24dB



Olympic Games | World Championships | Asian Games  
Partner of international sport events

