

# SUPERFLEX

## Sports vinyl flooring sheet

TECHNICAL DATA <sup>[1]</sup>		40T	45T	50T	60T	70T	80T	90T
Thickness	EN 428	4.0mm	4.5mm	5.0mm	6.0mm	7.0mm	8.0mm	9.0mm
Wear layer thickness	RN 429	0.45mm	0.6mm	0.6mm	0.6mm	0.8mm	0.8mm	0.8mm
Width	EN 426	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
Length <sup>[2]</sup>	EN 426	15m	15m	15m	15m	15m	15m	15m
Weight	EN 430	3200g/m <sup>2</sup>	3500g/m <sup>2</sup>	3900g/m <sup>2</sup>	4300g/m <sup>2</sup>	4800g/m <sup>2</sup>	5300g/m <sup>2</sup>	6500g/m <sup>2</sup>
Fire rating	EN 13501	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1
Abrasion resistance	ISO 5470-1	≤0.35g	≤0.35g	≤0.35g	≤0.35g	≤0.35g	≤0.35g	≤0.35g
Residual indentation	EN 433	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm
Flexibility	EN 435	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sound isolation	ISO 717/2	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB
Friction coefficient	DIN 18032	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65
Ball bounce	EN 12235	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%
Sliding coefficient	EN 13036-4	80~110	80~110	80~110	80~110	80~110	80~110	80~110
Shock absorption	EN 14308	≥20%	≥25%	≥25%	≥25%	≥25%	≥35%	≥35%
Vertical deformation	EN 14309	≤3mm	≤3mm	≤3mm	≤2mm	≤2mm	≤2mm	≤2mm
Impact resistance	EN 1517	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m
TVOC after 28days	ISO 16000	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>	≤10µg/m <sup>3</sup>
Structure	Wear layer + Stable layer with fiberglass + Buffer layer + Foam backing with hexagon embossment							
Colors	12 Jewel emboss, 6 Wood emboss, 2 Gird emboss, 3 Sand emboss, 1 Diamond emboss							
Installation method	Full spread adhesive / Double-sided adhesive tape							
Seaming method	Heat welded with welding rod / Chemical seam seal with cold welding liquid							
Applications	Interior multi-purpose sport areas such as playground, gym and professional arena such as volleyball, badminton, basketball and table tennis							
Package and loading	Contact our sales for more details							
Available accessories	Self-leveling / Primer / Adhesive / Welding rod / Type-U Cove Former / Type-P Capping Seal / PVC Skirting							

[1] Globalflor has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice. For the latest TDS, please kindly check official website at [www.bomeiflor.com](http://www.bomeiflor.com)

[2] Standard roll length is 15m, there may have ≤10% short rolls come out from production, short roll length between 8m and 14m.

