

# Silentflor

Elegantly combining contemporary and decorative design with superior acoustic performance, the Silentflor range has been expertly created for a wide range of commercial interiors. A robust, beautifully designed collection that achieves 19dB impact sound reduction, Silentflor provides a perfect solution for installations in the healthcare, office, residential, retail and leisure sectors. An environmentally preferable flooring collection, Silentflor is also 100% recyclable.



	Gauge	ISO 24346 (EN 428)	3.7mm (0.15")
	Wear Layer	ISO 24340 (EN 429)	0.65mm (0.026")
	Roll Size	ISO 24341 (EN 426)	2m x 20m = 40m <sup>2</sup> (6'6" x 65'6" = 47.84 sq. yards)
	Total Weight	ISO 23997 (EN 430)	2550g/m <sup>2</sup> (4.70lbs/sq.yd.)
	General Performance	EN 651 ASTM 1303	Conforms Type 1, Class 1, Class C Backing
	Use Area	ISO 10874 (EN 685)	
	Acoustic Impact Sound Reduction	ASTM E90/492 EN ISO 10140-3	56 STC ≥19dB
	Impact Insulation Class	ASTM E90/492	57 IIC
	Resistance to Chemicals	ASTM F925	Excellent - chart available on request
	Reaction to Fire	CAN/ULC S-102.2 EN 13501-1 ASTM E648	FSV < 300; SDV < 500 Class Bfl-S1 Class 1
	Abrasion Resistance	EN 651 ISO 10582	Group T Type 1
	Flexibility	ASTM F137 ISO 24344 (EN 435)	0.25" Pass (Method A) Pass 20mm Ø
	Slip Resistance*	EN 13893 AS 4586 DIN 51130 ASTM D2047	Class DS (dry condition) R10 R10 SCOF ≥0.5
	Residual Indentation	ASTM F970 ASTM F1914 ISO 24343-1 (EN 433)	≤0.009" @ 750psi ≤0.005" ≤0.20mm (0.008")
	Dimensional Stability	ISO 23999 (EN 434)	<0.40%
	Thermal Resistance	EN 12677	0.0525m <sup>2</sup> K/W
	Underfloor Heating		Suitable, max 27°C
	Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
	Resistance to Light	ASTM F1515	ΔE ≤ 8.0
	Light Fastness	ISO 105-B02	(Method 3) ≥6
	Resistance to Heat	ASTM F1514	ΔE ≤ 8.0
	Castor Chair (continuous use)	EN ISO 4918 (EN 425)	Pass. Suitable for Castor Chairs
	VOC Emissions	Indoor Air Comfort GOLD AgBB/ABG VOC test Finnish M1 FloorScore	Eurofins certified product Very low emissions Certified Certified
	Responsible Sourcing	BES 6001	Excellent

**Environmentally Preferable Flooring** - Polyflor Silentflor achieves BRE Global Environmental A+ rating (certificate no. ENP 415) in major use areas such as education and healthcare. Generic EN 15804 Environmental Product Declaration (EPD) available on request. It is 100% recyclable. Visit [www.polyflor.ca/environment](http://www.polyflor.ca/environment).

**PUR** - Polyflor Silentflor features a high quality, cross-linked polyurethane reinforcement, UV cured to provide a low-cost, polish free maintenance regime for the lifetime of the flooring.

**Hygiene** - All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult **Polyflor Customer Technical Services email [tech@polyflor.ca](mailto:tech@polyflor.ca)**. \*For safety flooring with sustainable wet slip resistance, refer to Polysafe ranges. The data presented is correct at the time of printing. For latest information, please visit our website [polyflor.ca](http://polyflor.ca).  
**Decoration and shade may vary slightly from the samples shown.**

