



# *Silentflōr*

*Design Led Acoustic Flooring*

**POLYFLOR™**  
COVERING THE WORLD



19dB

## DESIGN LED ACOUSTIC FLOORING

Elegantly combining contemporary and decorative design with superior acoustic performance, the Silentflor vinyl sheet flooring 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, education, residential, retail and leisure sectors. An environmentally preferable flooring collection, Silentflor is also 100% recyclable and has achieved NF UPEC A+ certification U4.







9956 | Blond Oak

19dB

## ACOUSTICS

Noise can have a detrimental effect in healthcare, education, work and public spaces, which can significantly affect an individual's well-being and also hinder recuperation, learning, working and comfort.

The Silentflor range has been developed to assist in improving the acoustic properties within commercial and public locations as well as providing the additional benefits of aesthetics, performance, hygiene and durability.

Acoustic flooring such as Silentflor is only part of the action that can be taken to reduce noise levels. It is advisable from the outset of a project to seek advice from a specialist acoustician as other factors can have an impact on the overall noise levels in a room.

## IMPACT SOUND TRANSMISSION

- Impact sound is energy produced by the impact or collision of objects onto a separating surface such as a floor or wall. This energy is transmitted through the structure of the building into neighbouring rooms, examples include impact of heavy footsteps, slamming of doors or dragging of furniture.



## WALKING NOISE

- Walking Noise unlike Impact Sound is where the sound of a person's footstep when walking in a room is reverberated back into the room through the air.





EXCELLENCE AS STANDARD

The Silentflor range has been awarded NF UPEC A+ U4 for the Impact Sound Test as it achieves a 19dB impact sound reduction level. NF UPEC A+ French certification aims to provide building owners and specifiers with a safe and simple way of choosing a floor based on its quality and how it handles heavy traffic installations.

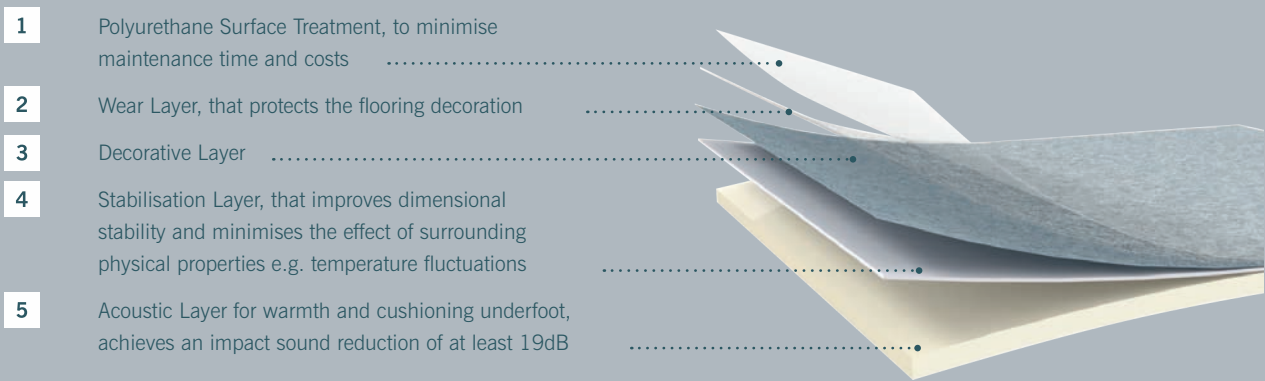
The advantages of a flooring solution having NF UPEC A+ certification are:

- Quality and suitability are guaranteed
- Production that is continuously monitored to ensure consistent quality by a certified manufacturer
- Independent third-party validation of the manufacturers compliance with the certified characteristics, and a quality assurance system

PRODUCT SPECIFICATION

Gauge 3.7mm | Wear layer 0.65mm | U4

Product layers



## WOOD COLLECTION

Skilfully portraying the natural beauty of timber planks, the Silentflor wood range replicates a variety of stunning wood species and grains including oak and pine patterns, chevron design floors and limed wood effects. The subtle tones detailing in each floorcovering perfectly replicate natural wood planks to create a truly individual and authentic look for any commercial project without having to compromise on durability and performance.











9954 | Roasted Limed Ash

plank w/l: 166 x 1500mm

w/r 9831



9955 | Classic Limed Ash

plank w/l: 166 x 1500mm

w/r 9833



9953 | Warm Limed Ash

plank w/l: 166 x 1500mm

w/r 9832











9957 | English Oak

plank w/l: 200 x 1500mm

w/r 9823



9952 | Sun Bleached Oak

plank w/l: 200 x 1500mm

w/r 9825



9956 | Blond Oak

plank w/l: 167 x 1500mm

w/r 9820







Menu board displaying food and drink options.







9959 | Honey Oak

plank w/l: 167 x 1500mm

w/r 9821



9960 | Toasted Oak

plank w/l: 167 x 1500mm

w/r 9822











9951 | Silver Oak

plank w/l: 200 x 1500mm

w/r 9826



9963 | Smoked Oak

plank w/l: 200 x 1500mm

w/r 9827











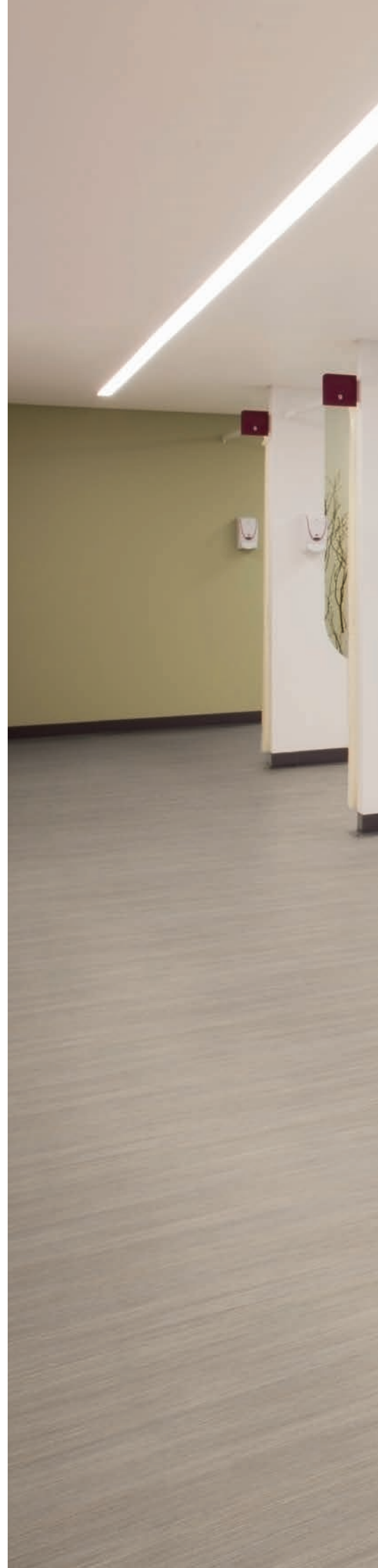
9985 | Honey Beige

w/r 9869



9986 | Autumn Rain

w/r 9864







#### CONCRETE AND ABSTRACT COLLECTION

Silentflor's contemporary concrete and abstract designs have been specifically designed for commercial interiors seeking a modern on-trend look in a durable, practical format. The variety of shades from subtle neutral tones to stronger accent colours, offer an infinite combination to suit any commercial environment whilst Silentflor's abstract designs offer a more dramatic impact and create an appealing floor covering that is both fun and functional.







# Concrete



9965 | Light Grey Concrete

w/r 9858



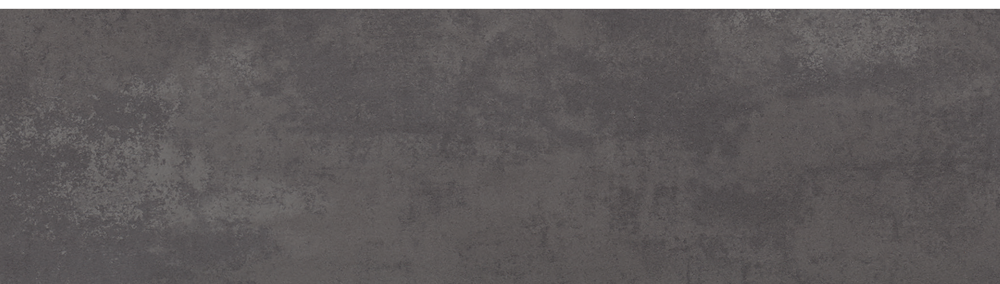
9966 | Cool Concrete

w/r 9856



9967 | Warm Concrete

w/r 9855



9968 | Dark Grey Concrete

w/r 9857









# Concrete



9969 | Light Industrial Concrete

w/r 9860



9970 | Dark Industrial Concrete

w/r 9859



9971 | Copper Ornamental

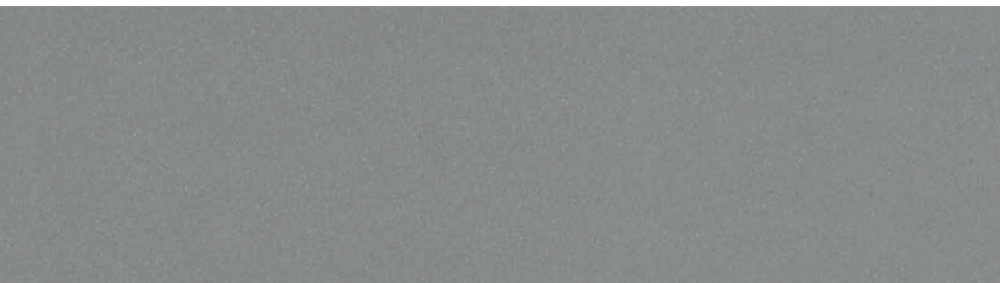
w/r 9861











9973 | Storm

w/r 9845



9974 | Jet

w/r 9842



9975 | Moleskin

w/r 9841







## ENVIRONMENT

Polyflor is continually looking for ways to reduce its carbon footprint by improving waste management, recycling, energy consumption and transportation, as well as low maintenance features of its products. Polyflor has also achieved ISO 14001, which means its facilities, practices and objectives for improvement and development are regularly monitored by external auditors.

The Silentflor range is 100% recyclable and achieves a BRE Global Environmental A+ rating (Certificate No. ENP 415) in major use areas such as education and healthcare, and an EN 15804 Environmental Product Declaration is also available.

## REASSURANCE

- Silentflor achieves low VOC status from Floor Score and Indoor Air Comfort Gold Certificates.
- The range achieves Eurofins Indoor Air Comfort Gold status, MI and FloorScore certification
- Certified to R10 (AS 4586 App D) and EN 13893 Class DS
- The range is phthalate free and is fully REACH compliant









## MAINTENANCE

By continually improving the maintenance procedures and requirements for our product portfolio, Silentflor PUR offers a cost effective, low maintenance regime that is both environmentally friendly and ensures longevity as poor maintenance can impair performance, shorten floor life and create hygiene problems in critical areas. The incorporation of PUR helps protect the floorcovering by resisting soiling and scuffing. Combined with a superior closed surface finish, this enhanced protection leads to an overall maintenance cost saving of 48%, reducing the impact on the environment as fewer cleaning chemicals and power are required.

## QUALITY ASSURANCE

In order to provide comprehensive support to our customers, Polyflor has a team of dedicated and experienced personnel within its sales, marketing, technical and design departments, all working towards ensuring excellent product quality and availability. The manufacturing processes and systems at Polyflor are ISO 9001 certificated and all of our products are tested to a wide range of international standards, including slip resistance and VOC emissions tests, to back-up their performance.

## MADE IN UK

All of Polyflor's heterogeneous sheet products are manufactured within the UK using responsibly sourced raw materials. We at Polyflor are proud to be supporting local businesses and communities through continued investment and expansion into new territories.







## TECHNICAL SPECIFICATION

Product Size	Size	Shades	Coverage per Roll
Sheet	2m x 20m	22	40m <sup>2</sup>

### Product Format

Gauge	ISO 24346 (EN 428)	3.7mm
Wear Layer	ISO 24340 (EN 429)	0.65mm
Total Weight	ISO 23997 (EN 430)	2550g/m <sup>2</sup>
Finish		PUR

### Performance Requirements

General Performance	ISO 11638 (EN 651) ASTM F1303	Conforms Type I, Class I, Class C Backing
Use Area	ISO 10874 (EN 685)	23, 34, 42
Slip Resistance	EN 13893 AS 4586	Class DS R10
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 651	Group T
Reaction to Fire	ASTM E648 AS ISO 9239.1	Class 1 > 8.0 kW/m <sup>2</sup>
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1 (EN 433)	≤0.20mm
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434)	≤0.40%
Flexibility	ISO 24344 (EN 435) ASTM F137	(Method A) Pass 20mm ø 0.25" Pass
Thermal Resistance	EN 12667	0.0525m <sup>2</sup> K/W
Underfloor heating		Suitable, max 27°C
Light Fastness	ISO 105-B02 (Method 3)	≥6
Furniture Leg	ISO 16581 (EN 424)	Pass Type 3 foot
Resistance to Light	ASTM F1515	ΔE ≤ 8.0 - Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - Meets

### Sustainability

BRE Green Guide		A+ ENP 415
Recyclable		100%
Recycled Content		10%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Global Green Tag		Certified Level A Silver
AgBB/ABG		Pass
Responsible Sourcing	BES 6001	Excellent

### Acoustic Performance

Impact Sound Reduction	ISO 10140-3	19 dB reduction
Sound Transmission Coefficient	ASTM E90/492	STC 56
Impact Insulation Class	ASTM E90/492	IIC 57

### Maintenance Performance

Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Good Good
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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.



Visualise Now



For more inspiration visit [polyflor.com.au](http://polyflor.com.au)

Try our new **WALL & FLOOR** Visualiser

## SAMPLES

With regards to each design, it is only possible to give a provisional representation of the colour within this brochure. For colour selection, an original sample is recommended which we will be happy to supply. To replicate the look of natural material, the wood effect products may contain knots or markings as part of their design.

To request individual product samples of any design within the Silentflor collection, visit [www.polyflor.com.au](http://www.polyflor.com.au) and follow the link to the full product range. Alternatively, call the Polyflor telephone number on 1800 777 425.

## WEBSITE

To view the Silentflor range online or to learn more about installation and maintenance, visit [www.polyflor.com.au](http://www.polyflor.com.au) and follow the links to the Silentflor product page. Here you can read more about the collection, view installation imagery, find further technical information and order free samples.







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