

sarlon®

acoustic project vinyl

Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring, bonding and movement systems, and offers a full range of flooring products for both commercial and residential markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering you total flooring solutions for any environment.



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SILENCE

THE QUIET PERFORMER

Turn down the volume

Achieving lower noise pollution is essential to reducing stress and promoting the well-being, comfort and efficiency of people working or learning. Uniquely with Forbo, in a single comprehensive collection of acoustic project vinyl floor coverings, you will find the broadest range dedicated to achieve a complete acoustic flooring solution for any application. From open plan offices, shops, schools to social housing, hospitals and reception halls.

The acoustic project vinyl collection

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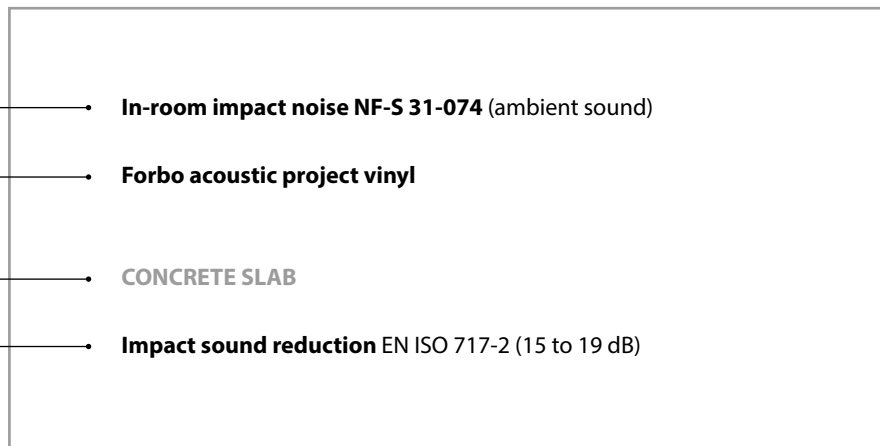
The Forbo acoustic project vinyl collection is the result of more than 30 years of acoustic experience and specific industry knowledge which enables us to deliver the 'best in class' acoustic vinyl flooring for every application. Each product range in this new Sarlon collection offers truly unique solutions **combining high acoustic performance with optimal resistance to indentation.** With a choice of 14 ranges and a total of 118 colours and designs, the Sarlon collection from Forbo is the most comprehensive collection of its kind.

Besides offering the comprehensive Sarlon range, Forbo offers many other acoustic flooring solutions. Please see page 28 for details

Turn down **the volume** - the detail



The floor coverings in the Forbo acoustic project vinyl collection have been developed and tested to maximise impact sound reduction while meeting the needs of heavy traffic commercial areas. Forbo acoustic project vinyls contribute to lowering noise disturbance within a building in a number of ways. The result is a more comfortable environment.



Impact sound reduction

Impact sound made on the floor in one room is transmitted through the floor into rooms below.

To measure the impact sound reduction achieved by a floor covering, impact noise is generated with a hammer machine directly onto the concrete floor slab in an emission room and the sound level (S1) is recorded in the reception room below.

The floor covering is then placed on the concrete slab. The same impact noise is made on the floor covering, and the new sound level (S2) is recorded. The impact sound reduction (EN ISO 717-2) is the difference, measured in decibels, between the two sound levels recorded. The impact sound reduction of Forbo's acoustic project vinyl ranges from 15 to 19 dB.

Sarlon - great performance and innovative design

With a choice of 14 acoustic ranges, plus one compact collection, and designs ranging from natural wood effects to striking digital imagery, the new Sarlon range offers a solution to suit all commercial interiors.



sarlon[®] canyon compact



sarlon[®] canyon

sarlon[®] pepper



sarlon[®] nuance

sarlon[®] linen

sarlon[®] wood small classic

sarlon[®] wood medium classic

sarlon[®] wood large country

sarlon[®] wood allover contemporary



sarlon[®] wood XL modern

sarlon[®] concrete

sarlon[®] cristal

sarlon[®] uni

sarlon[®] code zero

sarlon[®] topography

In-room impact noise

Airborne sound inside a room - ambient noise - is generated by impact noise in the room itself.

To measure in-room impact noise, noise pressure is measured inside the room where the impact sound is generated, according to the standard NF-S 31-074. The measurements are classified into various categories, with Class A defining the best-performing floor coverings. All Forbo's acoustic project vinyl collections are in Class A.

CLASS	LEVEL Ln,e,w IN dB	Floor covering
A	Ln,e,w < 65	<ul style="list-style-type: none"> cushion vinyls acoustic project vinyls
B	65 ≤ Ln,e,w < 75	<ul style="list-style-type: none"> resilient floor coverings, compact project vinyls
C	75 ≤ Ln,e,w < 85	<ul style="list-style-type: none"> hard floor (laminates, wood, stone)
D	85 ≤ Ln,e,w	<ul style="list-style-type: none"> hard floor floating installation

In-room impact noise (NF-S 31-074)

Inspired by nature's colours, Sarlon Canyon gives you the option to create floors that come to life. With a range of bright colours, any space can become more vibrant and unique. Sarlon Canyon is R10 rated for improved slip resistance.

Canyon Compact 2mm
Eight items in the Sarlon Canyon range are also available in a compact version. The item numbers are indicated under the colour sample. Canyon Compact 2mm benefits from the same PUR finish and PVC wear layer while the backing is a dense, compact layer, embossed for ease of installation.



432203 | sand



432213 | beige



432226 | fuchsia



432205 | yellow



432208 | lime (43C2208*)



432218 | light green



432238 | grey green



432207 | grey blue



432211 | light grey (43C2211*)



432219 | dark grey (43C2219*)



432266 | red



432246 | orange



432228 | green



432217 | light blue



432227 | medium blue (43C2227*)



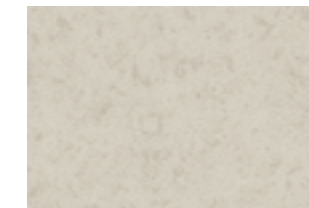
432247 | purple



432237 | dark blue



432229 | anthracite



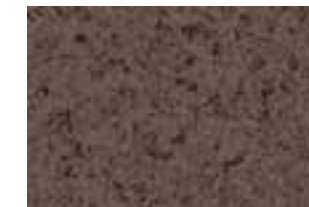
432200 | ivory (43C2200*)



432201 | linen (43C2201*)



432214 | taupe (43C2214*)



432244 | chocolate



432209 | medium grey (43C2209*)

Van Rooijen Nourbakhsh Architecten B.V.

432247 | purple

432213 | beige

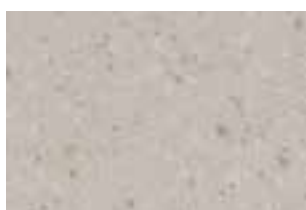


sarlon[®] pepper

A spicy range of earth-toned designs that create more natural surroundings. Peppered with just enough colour, the design has a tranquil effect making the Sarlon Pepper range ideal to complement any commercial interior.



432311 | light grey



432300 | ivory



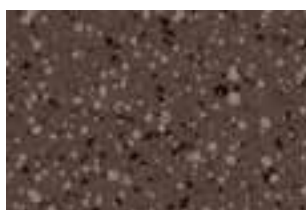
432312 | medium grey



432314 | taupe



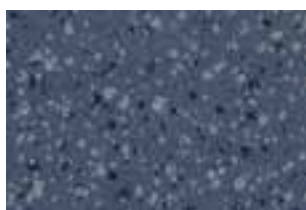
432322 | dark grey



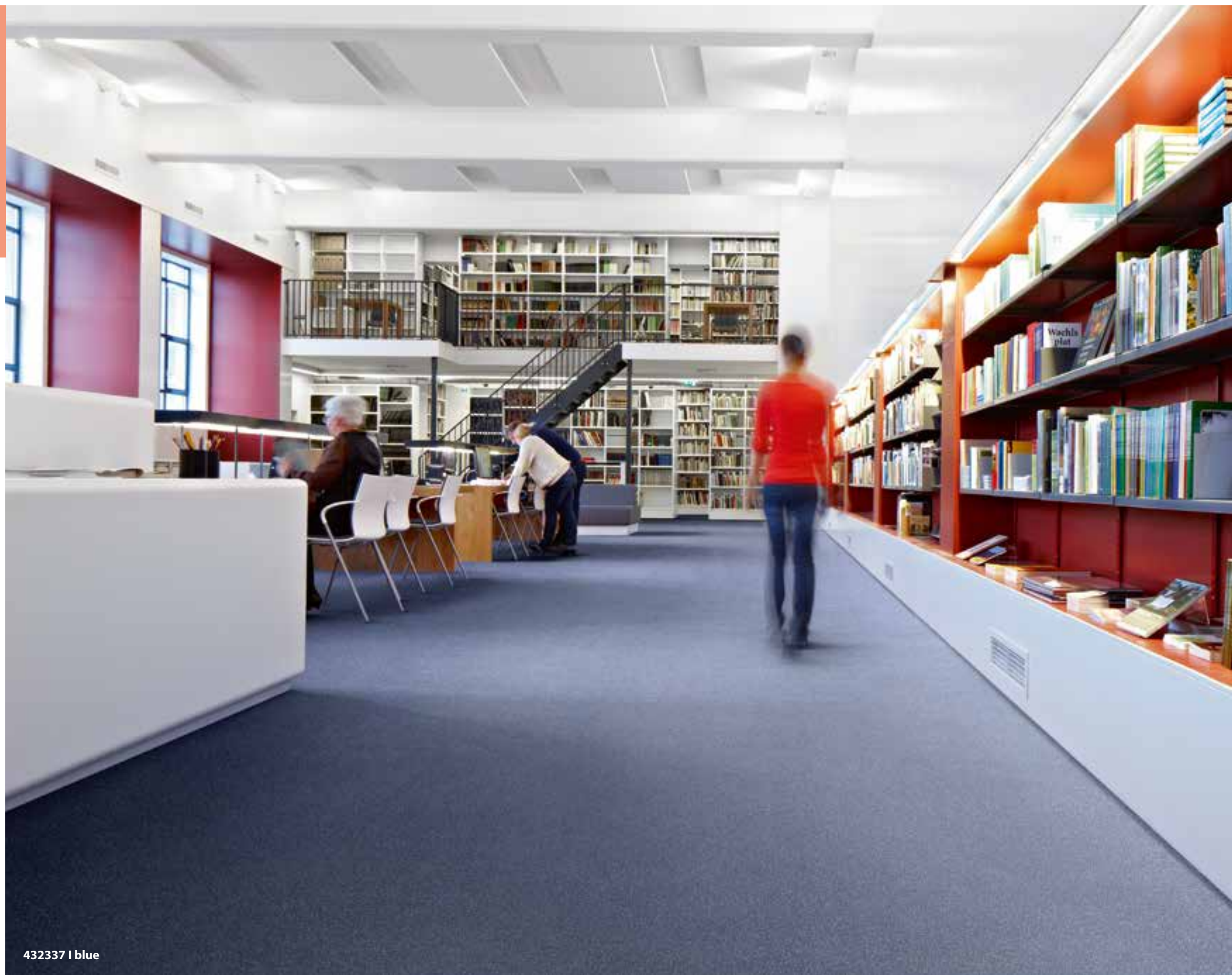
432344 | chocolate



432319 | anthracite



432337 | blue



432337 | blue



sarlon[®] nuance



A smooth, subtly coloured design mixed with bold colours expresses individuality. It's the ideal range for most interiors and creates a welcoming feel.



436611 | grey beige

436637 | blue

Archikon Architekten



sarlon® linen

Smooth, elegant and sophisticated with a 3D design and tactile look that is intriguing.

The Sarlon Linen range gives rooms a dynamic look and feel with a refined touch.



436501 | pearl

436529 | anthracite



436500 | ivory



436503 | beige



436514 | taupe



436501 | pearl



436502 | light grey



436509 | medium grey



436519 | dark grey



436529 | anthracite



436557 | dark blue



436544 | chocolate



436214 | golden

sarlon® wood large country



Our lively wood-based range contains several eye-catching designs. If you want to create a warm, comfortable experience, Sarlon Wood Large Country is right for you.

sarlon® wood allover contemporary

Sarlon Wood Allover Contemporary can be used in a wide range of surroundings. Whether the room is colourful or has a more natural feel, this range will fit right in to create an uplifting, warm and modern setting.

sarlon® wood medium classic



A natural wood effect is always a popular choice. Sarlon Wood Medium Classic is no exception. As if it came straight from the forest, it gives any surroundings a natural, warm and welcoming feel.

sarlon® wood small classic



The natural colours of Sarlon Wood Small Classic bring nature indoors. If you're looking to create a bright, clean and uncomplicated look and feel, this warm and welcoming design is ideal.



436163 | light



436252 | dust



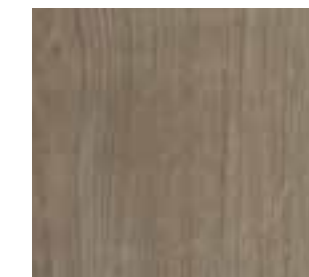
436383 | natural



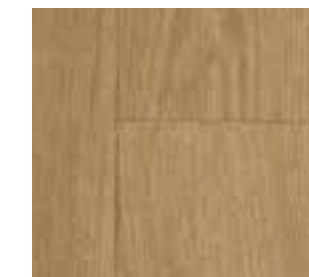
436213 | natural



436162 | medium



436223 | ecru



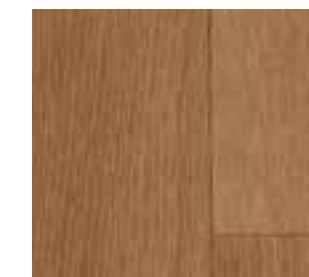
436393 | light



436214 | golden



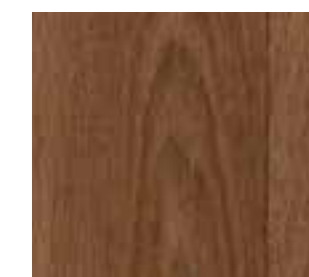
436222 | carbon



436334 | medium oak




436233 | honey

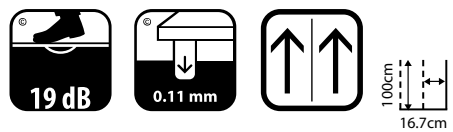


436394 | dark



436234 | medium

 This graphic is intended to show the size of the plank design within the sheet.



sarlon® wood XL modern

Sarlon Wood XL offers a large plank design ideal for larger spaces.

The modern wood colours create a more contemporary feeling that works with popular finishes such as metal and glass.



438420 | clay



438431 | natural



438422 | carbon



438423 | ecru



438429 | ebony



438431 | natural



sarlon® concrete



Sarlon Concrete is designed to bring out earth and mineral tones for a more modern office, conference or educational environment. Understated and stylish, but still durable, this contemporary range enhances smooth clean lines.



433731 | natural



433720 | clay



433723 | ecru



433721 | cloud



433712 | storm



433722 | carbon

433721 | cloud



sarlon[®] cristal

A sparkling design range suited for bright and modern locations. Sarlon Cristal has been designed with a metallic fleck to bring a lively, yet sophisticated finish to any interior.



433800 | white



433801 | pearl



433819 | medium grey



433899 | black



433811 | grey beige



433814 | taupe



433824 | chocolate

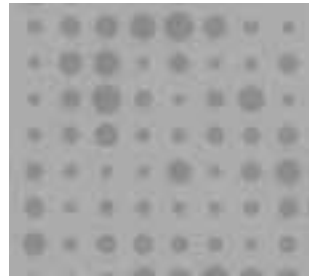


433824 | chocolate

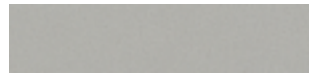


sarlon® code zero

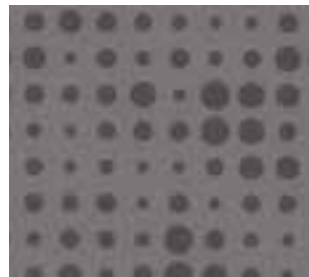
sarlon® uni



433201 | pearl



430801 | pearl



433219 | medium grey



430819 | medium grey



433229 | dark grey



430829 | dark grey



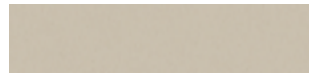
433247 | purple



430847 | purple



433211 | grey beige



430811 | grey beige



433214 | taupe



430814 | taupe



433224 | chocolate



430824 | chocolate



433217 | blue



430817 | blue



5833 | Coral brush active

433236 | red

430801 | pearl

Van Rooijen Nourbakhsh Architecten B.V.

Sarlon Code Zero

Movement and colour are this design's key elements.

Although the pattern can easily be combined with other ranges, like Sarlon Uni, on its own, Sarlon Code Zero will create a distinctive identity.

Sarlon Uni

With a wide range of colours, you can create vibrant surroundings. Mix and match. Combine and play. Let your imagination take over.



433248 | turquoise



430848 | turquoise



433208 | lime



430808 | lime



433205 | yellow



430805 | yellow



433226 | orange



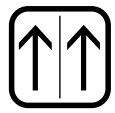
430826 | orange



433236 | red



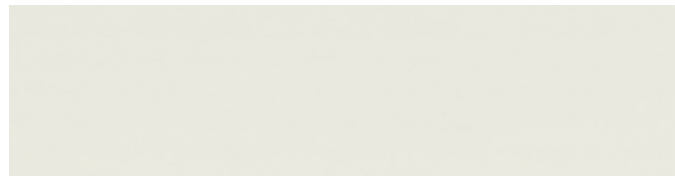
430836 | red



repeat
1.0m

sarlon® topography

With this design you'll certainly make a statement. Sarlon Topography lets you create your own, attractive landscape throughout the room. A special, organic design inspired by land contours which delivers a new experience in any large space. Sarlon Topography can be combined with our black & white Sarlon Uni design.



430800 | white



430899 | black



433910 | white



430899 | black

433910 | white

Archikon Architekten

The perfect match for every application

In recent years, Forbo has made significant strides in developing acoustic vinyl products which offer the optimum balance between impact sound reduction and indentation performance. The resulting product structure combined with a specialist PUR finish ensures that the Sarlon range of acoustic vinyls is very durable and will retain its appearance for many years.

PUR finish

The PUR finish applied to the surface of the product provides a high level of stain resistance. The finish is easy to clean and does not require polish, helping to reduce the cost and environmental impact of maintenance over the product's life.

Products structure

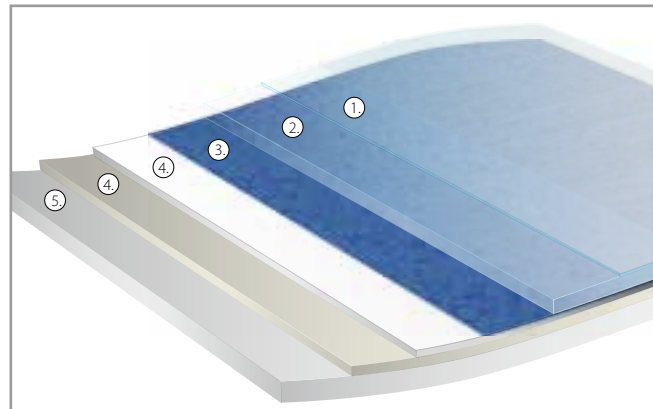
The PVC wear layer, present in all the products in this collection, ensures a very durable product while a non woven, fully impregnated, glass fleece layer ensures dimensional stability. The unique foam backing provides the acoustic sound reduction (from 15dB up to 19dB) whilst ensuring the 'best in class' indentation performance.

Canyon Compact 2mm

Eight items in the Sarlon Canyon range are also available in a compact version. The item numbers are indicated under the colour samples on page 6/7. Canyon Compact 2mm benefits from the same PUR finish and PVC wear layer of the 15dB version, while the backing is a dense, compact layer, embossed for ease of installation.

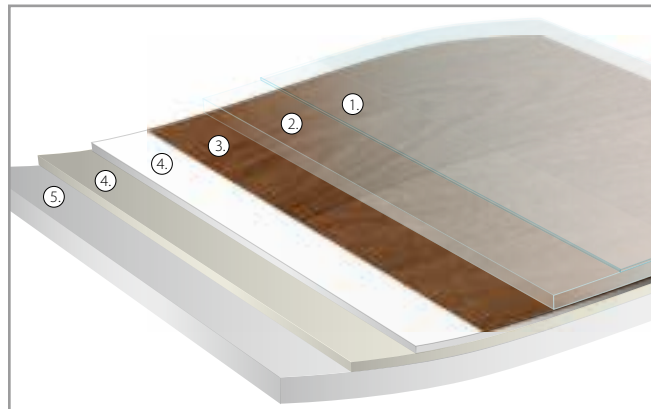
Sarlon 15dB

1. PUR lacquered surface, slip resistance rating R10
2. Pure PVC wear layer of 0.7mm – abrasion group T –
3. Design printed with environmentally friendly water-based inks
4. Double compact layer with non-woven glass fibre carrier achieving indentation of 0.05mm
5. Foam backing achieving an outstanding impact reduction of 15dB



Sarlon 17dB

1. PUR lacquered surface, slip resistance rating R9
2. Pure PVC wear layer of 0.67mm – abrasion group T –
3. Design printed with environmentally friendly water-based inks
4. Double compact layer with non-woven glass fibre carrier achieving indentation of 0.07mm
5. Foam backing achieving an outstanding impact reduction of 17dB



Designed with our environment in mind

Forbo's dedication to protecting the environment and investing in a sustainable future also applies to this acoustic portfolio. The Sarlon collection is manufactured using green energy and modern production technology that reduces the processes involved to a minimum. The design of this collection has much lower ink consumption thanks to our new engraving technology. We are also proud of our water treatment station as it removes all ink components from the water used in production of this collection.

The Sarlon collection conforms to all standards, including the new VOC emission classes, and this collection is made in Europe for mostly European markets, reducing transport related carbon emissions. The easy cleaning, minimum demand for detergents and long lasting performance of our products also contribute to a better environment in many ways.

Compliance Plus

As a principle, Forbo works to "Compliance Plus" – a commitment set by our own standards and one that goes beyond government regulations and requirements. We also see investments in people, processes and products that further improve our environmental performance as investments for the future, not a cost of doing business. We use independent Life Cycle Assessments to constantly find ways to measure and minimise the environmental impact of our products from raw material extraction to end of life.

Reducing cleaning & maintenance

Reducing cleaning is another element in sustainability and performance. The PUR finish makes our acoustic products easy to clean and their lasting performance means Sarlon will stay in excellent condition, even under heavy traffic conditions. In addition, installing one of our entrance flooring products such as Coral or Nuway, will help cut dirt and moisture penetration by up to 90%.

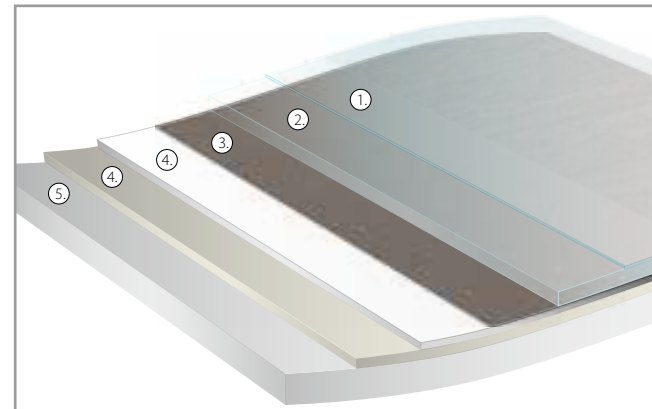
Recycling Installation waste

Forbo's Back to the Floor scheme encourages the collection and return of Sarlon installation off-cuts so that they can be recycled back into Forbo products. To find out more, please ring Axion Consulting, a company specialising in resource recovery who we have engaged to run the scheme, on 0161 355 7618.



Sarlon 19dB

1. PUR lacquered surface, slip resistance R9
2. Pure PVC wear layer of 0.67mm for printed designs – 0.75mm from Cristal effect – abrasion group T
3. Design printed with environmentally friendly water-based inks
4. Double compact layer with non-woven glass fibre carrier achieving indentation of 0.08mm
5. Foam backing achieving an outstanding impact of 19dB



More Forbo vinyl collections

Allura luxury vinyl tiles

The Forbo Allura collection is a vibrant versatile range of floor covering options that take the world of luxury vinyl tiles to the next level of sophistication and performance. Allura is a cutting-edge collection of wood, stone and abstract designs, developed in-house by our European design team. The collection now includes Allura Form, a new range which extends the Allura concept with new shapes, larger sizes, mix and match modularity along with new colours and patterns.

Eternal project vinyl

Our general purpose vinyl range Eternal represents a balanced range of wood, stone and abstract designs, with a comprehensive, modern colour palette that complements any interior. Whether you're looking for a flooring solution for health or aged care, education, offices or retail environments, you will find a solution to meet your requirements in our Eternal sheet project vinyl range. Our Eternal Decibel collection offers 17dB sound improvement.

Step safety vinyl

Forbo's Step safety project vinyl collection is available in eight different ranges, all adapted to meet different HSE requirements. Surestep Original and Safestep provide enhanced slip resistance by incorporating either quartz or carborundum grains into the wear layer, or a combination of the two. Bright, clear designs such as Surestep Wood, Stone, Star and Colour are achieved by using aluminum oxide of the same hardness. The result is safety flooring that is tough, long-lasting and extremely wear-resistant.

Forbo, specialist of acoustic solutions

Besides offering the largest acoustic project vinyl range, we also offer many acoustic solutions:

- Colomousse trafic: A range of acoustic, project vinyl tiles.
- Acoustic Underlay: This can be used with any Forbo resilient sheet range.
- Eternal Decibel: A perfect design match with the Eternal compact project vinyl
- Marmoleum Decibel: Linoleum with acoustic properties
- Flotex: For a unique, resilient and washable textile floor covering

Our Acoustic Project Vinyl book contains a sample of each product to give you an idea of our acoustic solutions offer.

Learn more about our acoustic offer at www.forbo-flooring.co.uk

Marmoleum Decibel

acoustic linoleum, 17dB

In our Linoleum product range, Marmoleum Decibel reduces impact sound by 17 dB. Marmoleum Decibel is 3.5 mm thick.

Colomousse Trafic

acoustic project vinyl tiles, 17dB

Colomousse Trafic is a range of 50x50cm tiles. With different designs and a large palette of colours, you can express your creativity while achieving a 17dB impact sound reduction.

Eternal Decibel

acoustic project vinyl sheet, 17dB

Eternal Decibel is a 100% visual match to Eternal sheet vinyl while achieving a 17dB sound reduction. Eternal Decibel gives you all the high quality functionality of the regular Eternal – a strong, durable fit for purpose floor.

Now, combinations of acoustic and compact flooring can be used within one design range.

Flotex

flocked flooring, 20dB

Flotex combines the practicality of resilient flooring with the slip resistance and acoustic properties of up to 20 dB. Completely waterproof, Flotex is also the only truly washable textile floor covering.

Acoustic Underlay

18dB

This solution is based on the acoustic VinylBase underlay, an easy-to-apply sheet material. The under layer itself reduces sound by 18dB. That's sufficient for many types of installations. This underlay makes it possible to choose any Forbo resilient floor covering as the finishing touch.

More Forbo Flooring



Linoleum

As the world leader in linoleum, Forbo offers a huge range of natural linoleum floor coverings, plus surface linoleum for furniture and wall covering. We have more than 100 years experience and the most environmentally friendly production techniques to ensure the highest quality. Continual investment in product development also ensures Forbo always offers the most innovative floor covering choices for project customers and consumers. We also have Marmoleum Decibel that offers 17 dB sound improvement.



Flotex flocked flooring

The solid vinyl base of Flotex, reinforced with glass fleece, is impermeable to water and provides an anchor for millions of straight nylon fibres – more than 70 million per square metre – making it the densest textile product available. Flotex's acoustic properties, cleanability, Allergy UK approval and Sanitized® anti-microbial treatment make it the perfect floor for education and the best hygienic alternative to carpet in care facilities. Its design features also make it the ideal floor for retail and hospitality environments.



Carpet Tiles

Forbo's textile collection consists of our carpet tile Tessera & Westbond ranges and our entrance flooring ranges. Our carpet tile collections vary from loop pile and cut and loop pile products to highly exclusive fusion-bonded tiles with a limitless choice of colours.

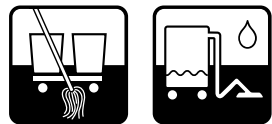
Entrance Flooring Systems

Every location has an entrance and besides being the first contact with the visitor, it also provides the first point of protection for the flooring inside. Coral and Nuway, Forbo's entrance products not only look good, they extend the life of all the interior floor finishes and provide a vital health and safety role.

Forbo FloorCare method

The Forbo project vinyl collections are easy to clean and maintain, thanks to their smooth and highly durable PUR coated surface.

Cleaning after installation

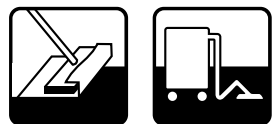


- Sweep, dust, mop or vacuum floor to remove loose soil
- Clean the floor with cleaner and a mop
- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry



- When intensive traffic is expected:
- Spray buff the floor with a rotary machine and a red pad

Regular cleaning



- Wipe with a dust mop and dust cloth, or vacuum the floor



- Remove spots with a damp mop

Periodic cleaning



- Spray clean with a rotary machine and a red buffing pad. Use spray where necessary

Occasional maintenance



- Scrub with cleaner, a rotary machine and a scrub pad
- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry



- When intensive traffic is expected:
- Spray buff the floor with a rotary machine and a red pad

Products

Forbo Cleaner is an effective and pH neutral cleaner

For more information: www.forbo-flooring.co.uk

If you want to use alternative products, please consult your local supplier.

Technical specifications

Sarlon 15 dB, 17 dB and 19 dB meets the requirements of EN 14041 and EN 651
Canyon compact meets the requirements of EN 14041 and EN 649

		Sarlon 15 dB	Sarlon 17 dB	Sarlon 19 dB	Canyon compact	
	Total thickness	EN 428 (ISO 24346)	2.6 mm	3.0 mm	Printed 3.4 mm Cristal 3.75 mm	2.0 mm
	Wear layer thickness	EN 429 (ISO 24340)	0.70 mm	0.67 mm	Printed 0.67 mm Cristal 0.75 mm	0.70 mm
	Total weight	EN 430 (ISO 23997)	2.700 g/m ²	2.500 g/m ²	Printed 2.900 g/m ² Cristal 3.000 g/m ²	2.400 g/m ²
	Impact sound reduction	EN ISO 717-2	ΔL _w = 15 dB	ΔL _w = 17 dB	ΔL _w = 19 dB	ΔL _w = 5 dB
	In-room impact noise	NF 5 31-074	Ln,e,w < 65 dB, Class A	Ln,e,w < 65 dB, Class A	Ln,e,w < 65 dB, Class A	-
	Sound absorption	EN ISO 354 EN ISO 11654	α _w = ± 0.05	α _w = ± 0.05	α _w = ± 0.05	-
	Residual indentation (maximum measured value)	EN 433 (ISO 24343-1)	0.07 mm	0.09 mm	0.11 mm	0.02 mm
	Average measured value Requirement		0.05 mm ≤ 0.20 mm	0.07 mm ≤ 0.20 mm	0.08 mm ≤ 0.20 mm	- ≤ 0.10 mm
	Slip resistance	DIN 51130	R10	R9	R9	R10
	Abrasion resistance	EN 660-2 (ISO 24338)	T	T	T	T
	Specifications		EN 651 (ISO 11638)	EN 651 (ISO 11638)	EN 651 (ISO 11638)	NF EN 649 (ISO 10582)
	Commercial use	EN 685 (ISO 10874)	34	34	34	34
	Industrial use	EN 685 (ISO 10874)	42	42	42	43
	Packaging		Rolls	Rolls	Rolls	Rolls
	Roll length	EN 426 (ISO 24341)	25 m	25 m	25 m	25 m
	Roll width	EN 426 (ISO 24341)	2 m	2 m	2 m	2 m
	Castor chair resistance	EN 425 (ISO 4918)	Yes	Yes	Yes	Yes
	Furniture leg resistance	EN 424 (ISO 16581)	compliant	compliant	compliant	compliant
	Dimensional stability Requirement	EN 434 (ISO 23999)	< 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %
	Colour fastness to light Requirement	EN ISO 105-B02	7 ≥ 6	7 ≥ 6	7 ≥ 6	7 ≥ 6
	Stain resistance	EN 423 (ISO 26987)	Good	Good	Good	Good
	Surface treatment		PUR	PUR	PUR	PUR
	Fungistatic and bacteriostatic treatments		BIOSTATIC*	BIOSTATIC*	BIOSTATIC*	-
	Emissions into air : TVOC* at 28 days	NF EN ISO 16000 (ISO 10580)	< 100 µg/m ³	< 100 µg/m ³	< 100 µg/m ³	< 100 µg/m ³
	REACH (European regulation)	1907/2006/CE	compliant (†)	compliant (†)	compliant (†)	compliant (†)
	All Sarlon products meet the requirements of EN 14041					
	Reaction to fire	EN 13501-1	B _f -s1 (†)	C _f -s1 (†)	C _f -s1 (†)	B _f -s1 (†)
	Slip resistance	EN 13893	Class DS (μ ≥ 0.30)	Class DS (μ ≥ 0.30)	Class DS (μ ≥ 0.30)	Class DS (μ ≥ 0.30)
	Body voltage	EN 1815	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic
	Thermal conductivity	EN 12524 (EN ISO 10456)	0.25 W/(m.K), suitable for heated floors	0.25 W/(m.K), suitable for heated floors	0.25 W/(m.K), suitable for heated floors	0.25 W/(m.K), suitable for heated floors

(†) Valid on every substrate: wood, non combustible A2fl-s1 or A1fl, or on free laying (with SARLIBASE TE underlayer)

(‡) The articles (products) do not contain substances of the candidate list published by ECHA (SVHC substances of very high concern)

(§) Valid on non combustible substrate: A2fl-s1 or A1fl

* TVOC : total volatile organic compounds

BREEM ratings
Sarlon 15 dB, 17 dB and 19 dB
PVC floor covering with a foam layer (EN651)

Building type	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
	A	A+	A+	A	A	A+

BREEM ratings
Sarlon Compact
Heterogeneous PVC floor covering (EN649)

Building type	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
	A	A+	A+	A	A+	A+