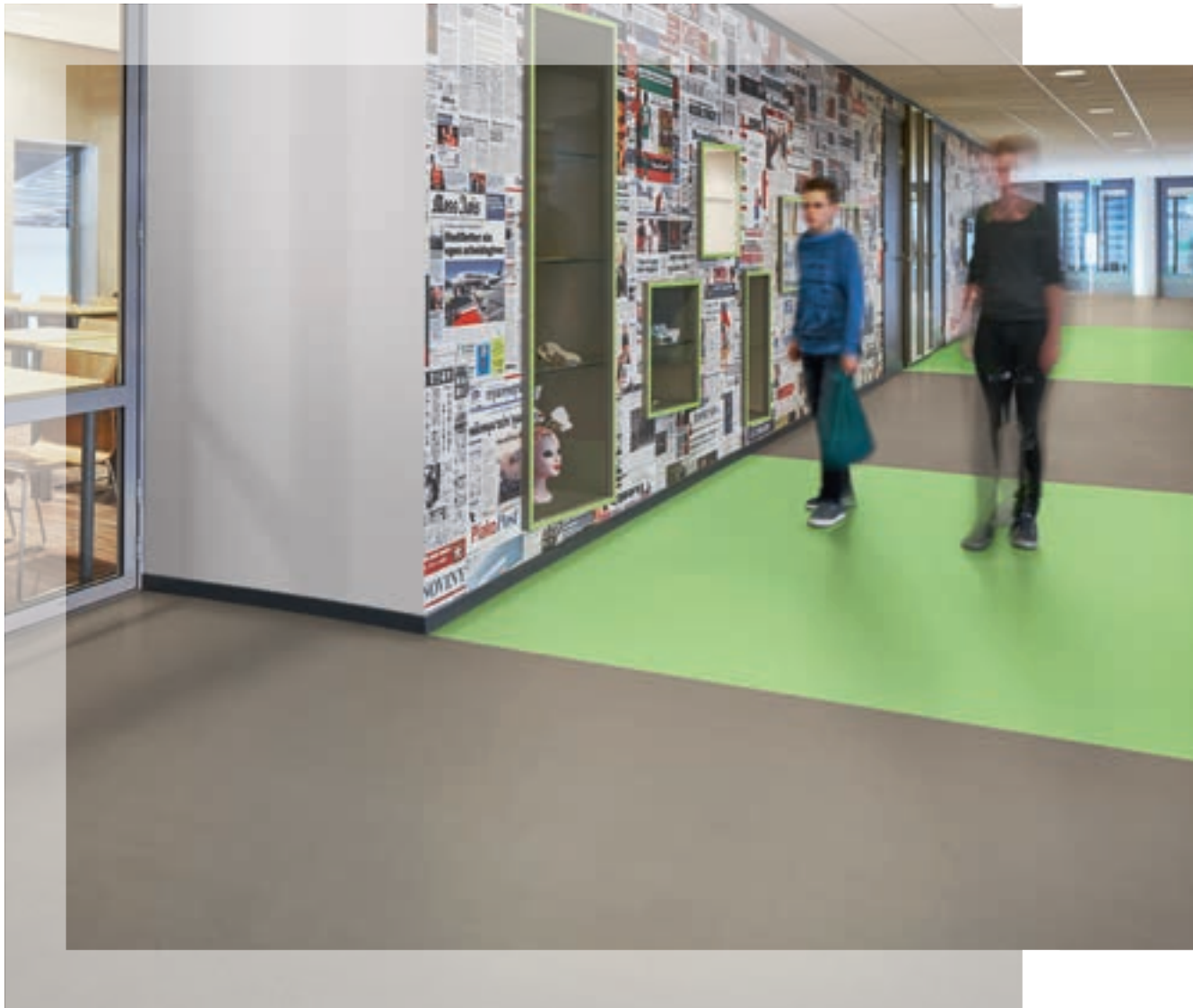




sarlon[®]
acoustic vinyl

creating better environments

forbo
FLOORING SYSTEMS



15dB 428420 | clay | wood xl modern
19dB 438420

15dB 423837 | sky | cristal
19dB 433837

The Sarlon acoustic collection

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sarlon[®]

Takes sound reduction to the next level

Reducing noise pollution to a minimum can prevent adverse effects on the human body, such as sleeping disorders, stress, headaches, memory loss, aggressiveness and learning difficulties.



The world around us is getting more and more complicated and our customers are looking for tools that are answering their different needs (from color to material) with a well-balanced range. It should be simple to understand, functional and attractive to work with.

Our acoustic offer is a premium product and we need to create added value and illustrate it in our product offer.

The added value created for the new Sarlon Acoustic Design concept comes from listening to market requirements and customer needs and shows the best designed, but also very functional, acoustic

range in the market. Compared to the first international acoustic range it is a much more balanced and mature range that will seduce the customer to think about his own opportunities for use.

Not just by offering some of the most exciting designs in the market; but also by offering choice in color, combinations and the relevant product construction for any acoustic requirement.

sarlon®

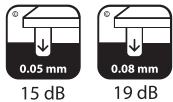
takes sound reduction to the next level.



SOUND

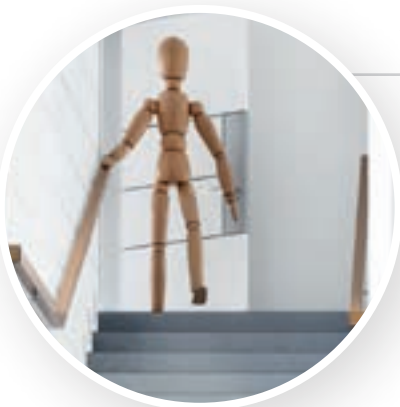


Forbo Flooring is an expert when it comes to sound reduction. There are 2 different types of sound that can impact your working or living environment. In room impact sound reduction is related to impact noise in the room itself. The standard NF-S31-074 classifies all flooring in to various categories, all Forbo Sarlon products are classified in Class A: best in class! Impact sound reduction is related to the sound transmitted through the floor from one room to the floors below. This is the most common quoted sound reduction measure. We are leading in this area and Sarlon products are delivering different levels of improvement on impact sound from rooms above. EN ISO 717-2 is the norm for this and our products rate 15 and 19dB on this.



INDENTATION

Floors need to be strong to remain beautiful and indentation under pressure can be a major issue. Resistance to this needs to be maintained over time and at peak pressures. Residual indentation resistance is a key property for any flooring and Forbo Flooring Sarlon is offering you the best in class performance on our products.



YOU HAVE THE CHOICE

The Sarlon 19dB product is offering you the best possible acoustic properties for any project; at a residual indentation that is the best in the industry for this type of product. When the requirements are tough, rollability is key; and heavy loads will occupy the floor: Sarlon 15dB will give you the best possible solution in acoustic product with very good residual indentation resistance. Circumstances will dictate what works best for your project, but at least Forbo can guarantee you get the best solution there is in an acoustic product.

sarlon® dégradé 19 dB | uni 19 dB

Sarlon dégradé is the inspiring in colour and design. The fluent colouration from in combination with the design pattern is an unique flooring in the Sarlon range With the 6 different dessins (all in 19 dB) this is truly a unique match. The lighter side of each Dégradé design is perfectly matching and can be combined with a Uni color.



19dB 430827 | teal
LRV 19%



433927 | ocean
LRV 9% / 20%



19dB 430808 | lime
LRV 47%



433908 | jungle
LRV 21% / 44%



19dB 433908 | jungle



19dB 430825 | buttercup
LRV 53%



433925 | sunrise
LRV 29% / 50%



19dB 430806 | apricot
LRV 38%



433906 | sunset
LRV 17% / 33%



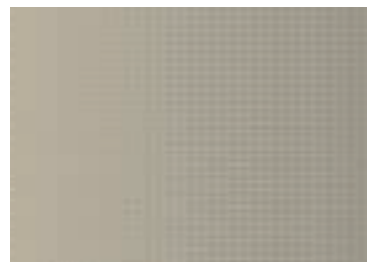
19dB 430812 | light grey
LRV 26%



433912 | metal
LRV 9% / 26%



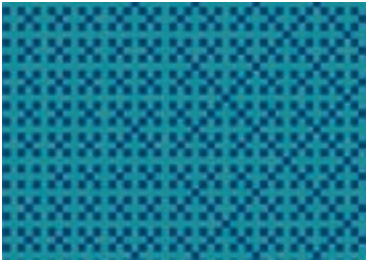
19dB 430811 | grey beige
LRV 45%



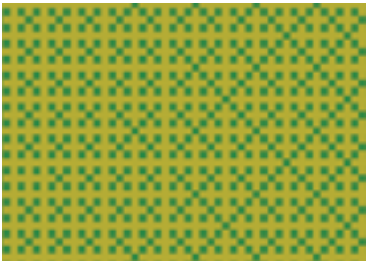
433941 | khaki
LRV 17% / 42%



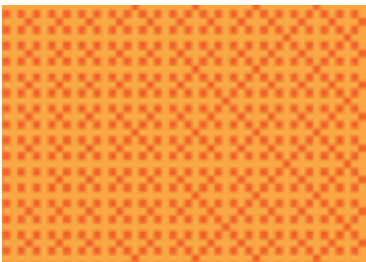
19dB 433908 | jungle



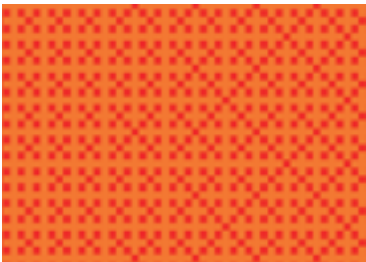
19dB 433927 | ocean | scale 1



19dB 433908 | jungle | scale 1



19dB 433925 | sunrise



19dB 433906 | sunset light | scale 1



19dB 433927 | metal | scale 1



19dB 433941 | khaki light | scale 1



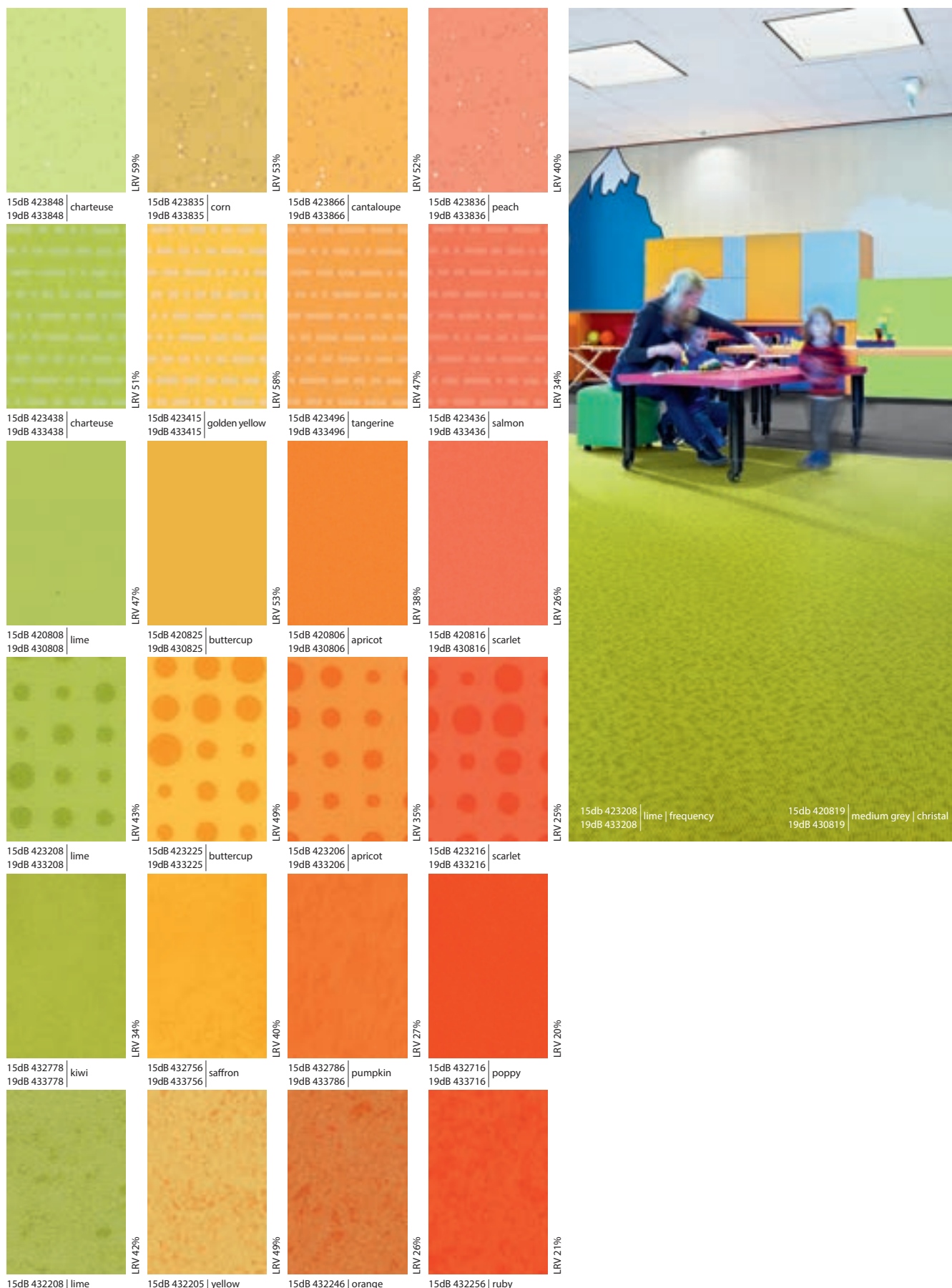
sarlon®

canyon 15 dB | resin 15 & 19 dB | code zero 15 & 19 dB | uni 15 & 19 dB | frequency 15 & 19 dB | cristal 15 & 19 dB

These ranges will give you the option to create floors that will come to life. With a range of bright colours, any space will become more vibrant and special. Designs made for movement and colour are in some designs the key elements. Although the pattern can easily be combined with other ranges.



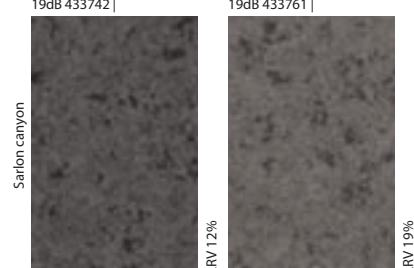
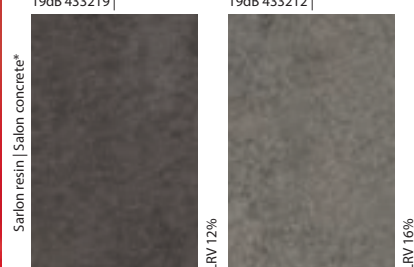
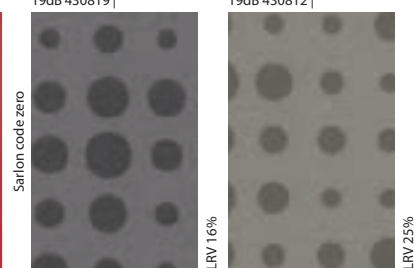
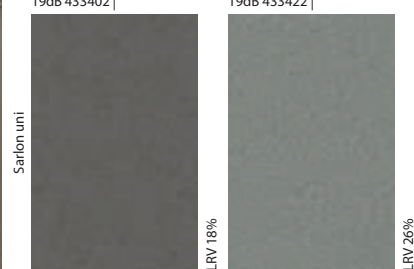
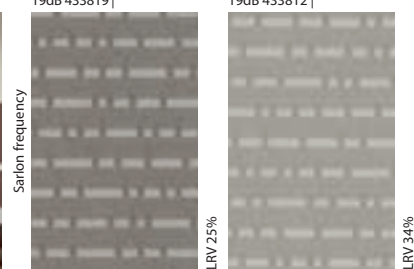
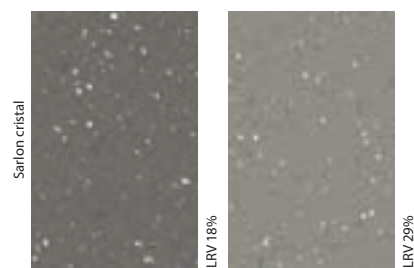
Sarlon cristal			
	15dB 423837 sky 19dB 433837	15dB 423847 artic 19dB 433847	15dB 423828 pistachio 19dB 433828
	LRV 41%	LRV 42%	LRV 50%
Sarlon frequency			
	15dB 423437 cornflower 19dB 433437	15dB 423447 turquoise 19dB 433447	15dB 423428 jade 19dB 433428
	LRV 30%	LRV 33%	LRV 37%
Sarlon uni			
	15dB 420817 blue 19dB 430817	15dB 420827 teal 19dB 430827	15dB 420818 avocado 19dB 430818
	LRV 16%	LRV 19%	LRV 23%
Sarlon code zero			
	15dB 423217 blue 19dB 433217	15dB 423227 teal 19dB 433227	15dB 423218 avocado 19dB 433218
	LRV 15%	LRV 17%	LRV 21%
Sarlon resin			
	15dB 432767 cobalt 19dB 433767	15dB 432727 ocean 19dB 433727	15dB 432758 dark green 19dB 433758
	LRV 9%	LRV 12%	LRV 40%
Sarlon canyon			
	15dB 432227 medium blue 19dB 433227	15dB 432257 teal 19dB 433257	15dB 432228 green 19dB 433228
	LRV 15%	LRV 16%	LRV 25%

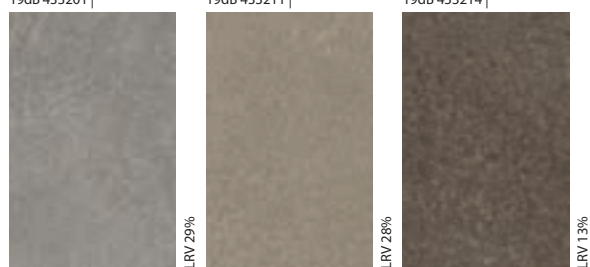
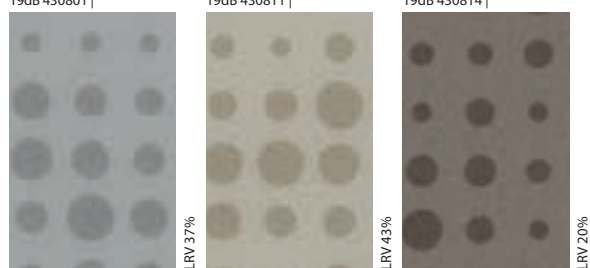
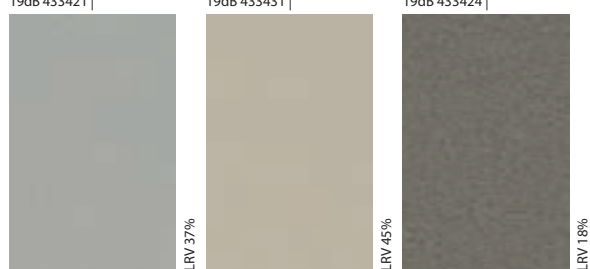
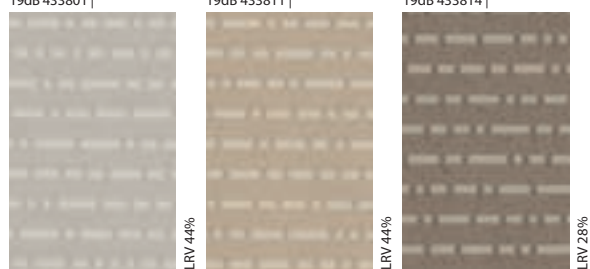
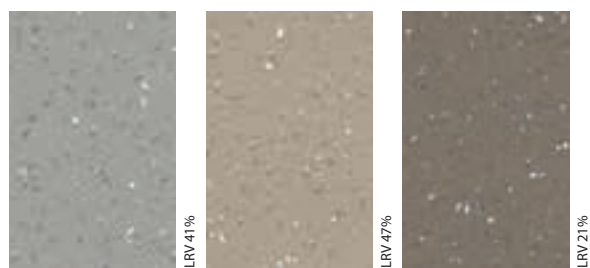


sarlon®

canyon 15 dB | resin & concrete 15 & 19 dB | code zero 15 & 19 dB | uni 15 & 19 dB | frequency 15 & 19 dB | cristal 15 & 19 dB

These clean design designs are the more earth, mineral based colours that would turn any room in a natural and modern look.

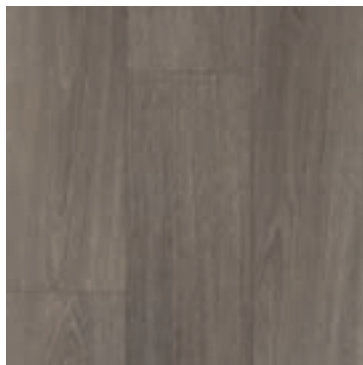




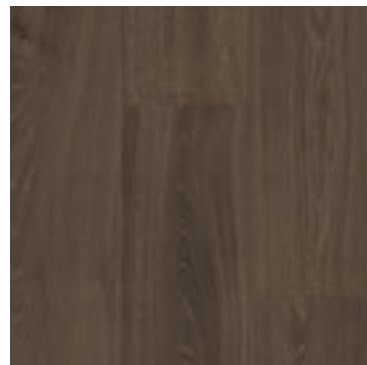
sarlon®

wood XL modern 15 & 19 dB | oak 15 & 19 dB | linea 15 & 19 dB | zebrano 15 & 19 dB

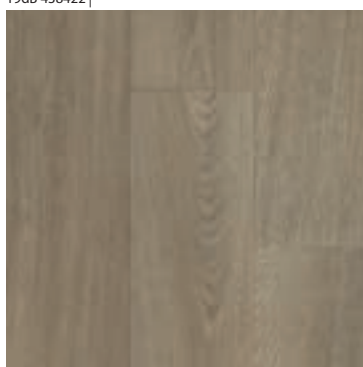
The wood is represented with a more classic and a modern oak, giving enough choice for anyone in need of acoustic woods. Linea is a more graphic design of vibrant Zebrano. They come in modern and relevant colours.



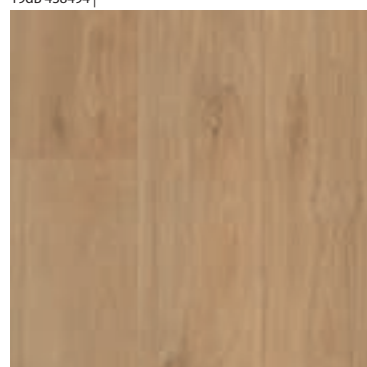
15dB 428422 | carbon LRV 15%
19dB 438422



15dB 428494 | hazelnut LRV 15%
19dB 438494



15dB 428420 | clay LRV 23%
19dB 438420



15dB 428483 | scandinavian LRV 32%
19dB 438483



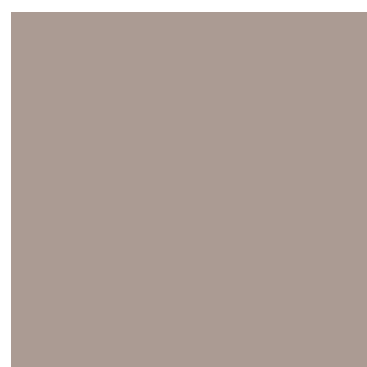
15dB 428494 | hazelnut | oak
19dB 438494



15dB 428422 | carbon | wood XL modern
19dB 438422



15dB 428430 | chalk LRV 47%
19dB 438430



15dB 428413 | natural LRV 32%
19dB 438413



15dB 423132 charcoal LRV 17%
19dB 433132



15dB 423319 charcoal LRV 12%
19dB 433319



15dB 423573 clay | cement
19dB 433573

15dB 423313 sand | zebrano
19dB 433313



15dB 423121 light grey LRV 36%
19dB 433121



15dB 423311 light grey LRV 44%
19dB 433311



15dB 423113 sand LRV 28%
19dB 433113



15dB 423313 sand LRV 38%
19dB 433313



15dB 423132 charcoal | linea
19dB 433132

sarlon® abstract wood 19 dB

This graphic wood is unique and our own interpretation with a more black and white approach. This design will give any area a modern natural feeling.



19dB 433980 | white | abstract wood



sarlon[®] cement 15 & 19 dB | topography 19 dB

The design in our acoustic range is the right balance between a movement and uniformity; which makes it easy to use. Especially in these 6 modern colours.



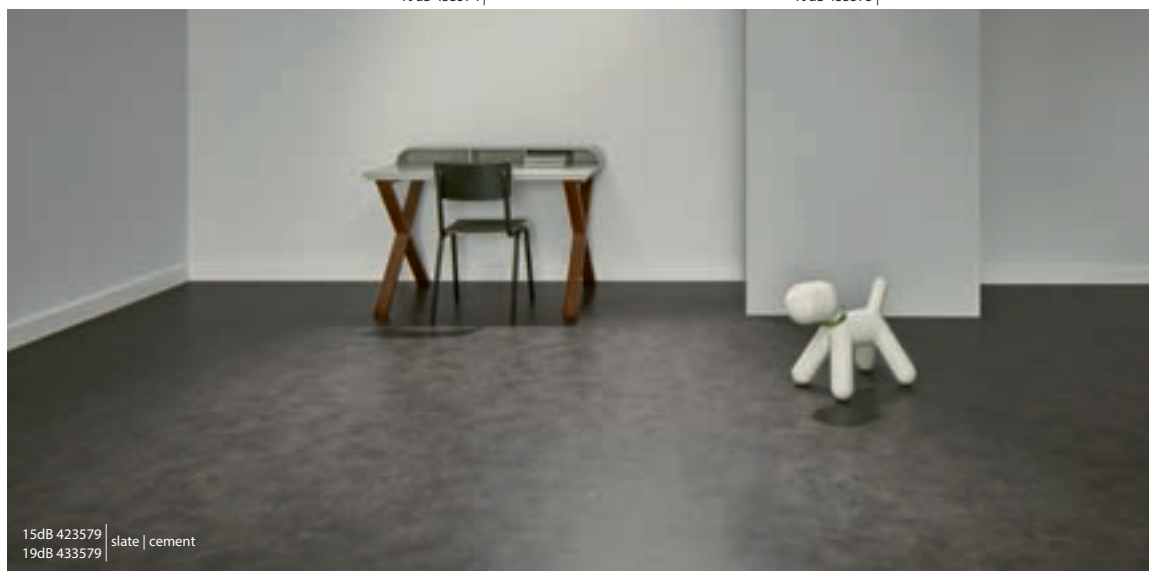
15dB 423584 | taupe LRV 20%
19dB 433584



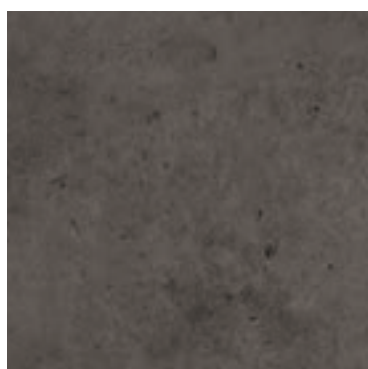
15dB 423574 | sepia LRV 28%
19dB 433574



15dB 423573 | clay LRV 41%
19dB 433573



15dB 423579 | slate | cement
19dB 433579



15dB 423579 | slate LRV 15%
19dB 433579



15dB 423572 | medium grey LRV 26%
19dB 433572

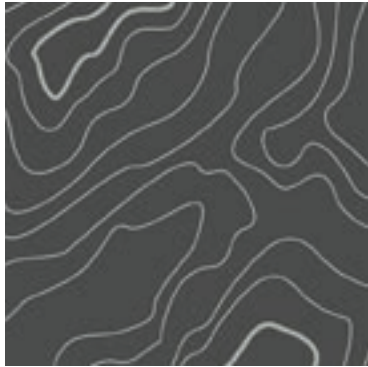


15dB 423570 | chalk LRV 49%
19dB 433570



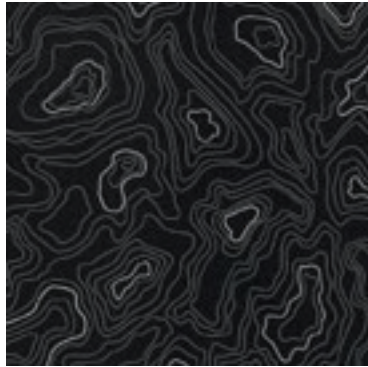
19dB 433910 | white

LRV 38%



19dB 433919 | grey

LRV 13%



19dB 433929 | black

LRV 6%



433919 | grey | topography



433910 | white | topography



19dB 433910 | white | topography

More Forbo flooring



Eternal Decibel

All items in our Eternal general purpose vinyl range, except for Eternal digital print, can be made in a contact-acoustic reducing variant that realizes 17dB sound reduction.

Marmoleum Decibel

Our acoustic linoleum floors have a higher impact sound reduction value because of a special insulating layer that is connected to the linoleum sheet. In this way an impact sound reduction of up to 17dB can be achieved.

Allura Flex Decibel

With 18 energetic colours Allura Flex Decibel is looking stunning with an impact sound reduction of 19dB. Although it is a much lighter product than conventional loose lay tiles, the innovative double glass fleece construction offers similar speedy installation properties and dimensional stability.

Flex Decibel offers a quick installation solution in, for example, busy offices, housing projects and communal and retail spaces.

Technical specifications

Sarlon 15 dB and 19 dB meet the requirements of EN 14041 and EN 651

		sarlon 15 dB	sarlon 19 dB
	Total thickness	EN-ISO 24346 2.6 mm	3.4 mm
	Wear layer thickness	EN-ISO 24340 0.70 mm	0.67 mm
	Total weight	EN-ISO 23997 2,700 g/m ²	2,900 g/m ²
	Impact sound reduction	EN-ISO 717-2 $\Delta L_w = 15$ dB	$\Delta L_w = 19$ dB
	In-room impact noise	NF S 31-074 $L_{n,e,w} < 65$ dB, Class A	$L_{n,e,w} < 65$ dB, Class A
	Sound absorption	EN-ISO 354 EN-ISO 11654 $\alpha_w = \pm 0,05$	$\alpha_w = \pm 0,05$
	Residual indentation (Typical value) <i>Requirement</i>	EN-ISO 24343-1 ~0.05 mm $\leq 0,20$ mm	~0.08 mm $\leq 0,20$ mm
	Slip resistance	DIN 51130 R9	R9
	Abrasion resistance	EN 660-2 T	T
	Specifications	EN 651	EN 651
	Commercial use	EN-ISO 10874 34	34
	Light industrial use	EN-ISO 10874 42	42
	Packaging	Rolls	Rolls
	Roll length	EN-ISO 24341 25 m	25 m
	Roll width	EN-ISO 24341 2 m	2 m
	Castor chair resistance	EN 425 (ISO 4918) Yes	Yes
	Furniture leg resistance	EN 424 (ISO 16581) compliant	compliant
	Dimensional stability <i>Requirement</i>	EN-ISO 23999 < 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %
	Colour fastness to light <i>Requirement</i>	EN ISO 105-B02 - method 3 7 ≥ 6	7 ≥ 6
	Stain resistance	EN-ISO 26987 Good	Good
	Surface treatment	PUR	PUR
	Emissions into air : TVOC* at 28 days	EN-ISO 16000-9 < 30 µg/m ³	< 20 µg/m ³
		EN 14041 CE 0201819_DOP_306	EN 14041 CE 0200825_DOP_306
	Compliance EN 14041	Yes	Yes
	Reaction to fire	EN 13501-1 Bfl - s1 ⁽²⁾	Cfl - s1 ⁽¹⁾
	Slip resistance	EN 13893 Class D5 ($\mu \geq 0,30$)	Class D5 ($\mu \geq 0,30$)
	Body voltage	EN 1815 $E \leq 2$ kV , Antistatic	$E \leq 2$ kV , Antistatic
	Thermal conductivity	EN 12524 (EN-ISO 10456) 0,25 W/(m.K), suitable for heating floors	0,25 W/(m.K), suitable for heating floors

⁽¹⁾ Valid on every substrate: wood, non combustible A2_s-s1 or A1_s, or on free laying (with SARLIBASETE underlayer)

⁽²⁾ Valid on non combustible substrate: A2_s-s1 or A1_s

* TVOC : total volatile organic compounds

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.
All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.
The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.



**COMMITTED
TO THE HEALTH
OF ONE**
WWW.FORBO-FLOORING.COM/CHO

'Committed to the Health of One' introduces a focus in our commitment to sustainability that centres around all aspects that concern your health, well-being and comfort in relation to our products and services, today as well as for future generations.

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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FLOORING SYSTEMS