# DLW LINOLEUM |

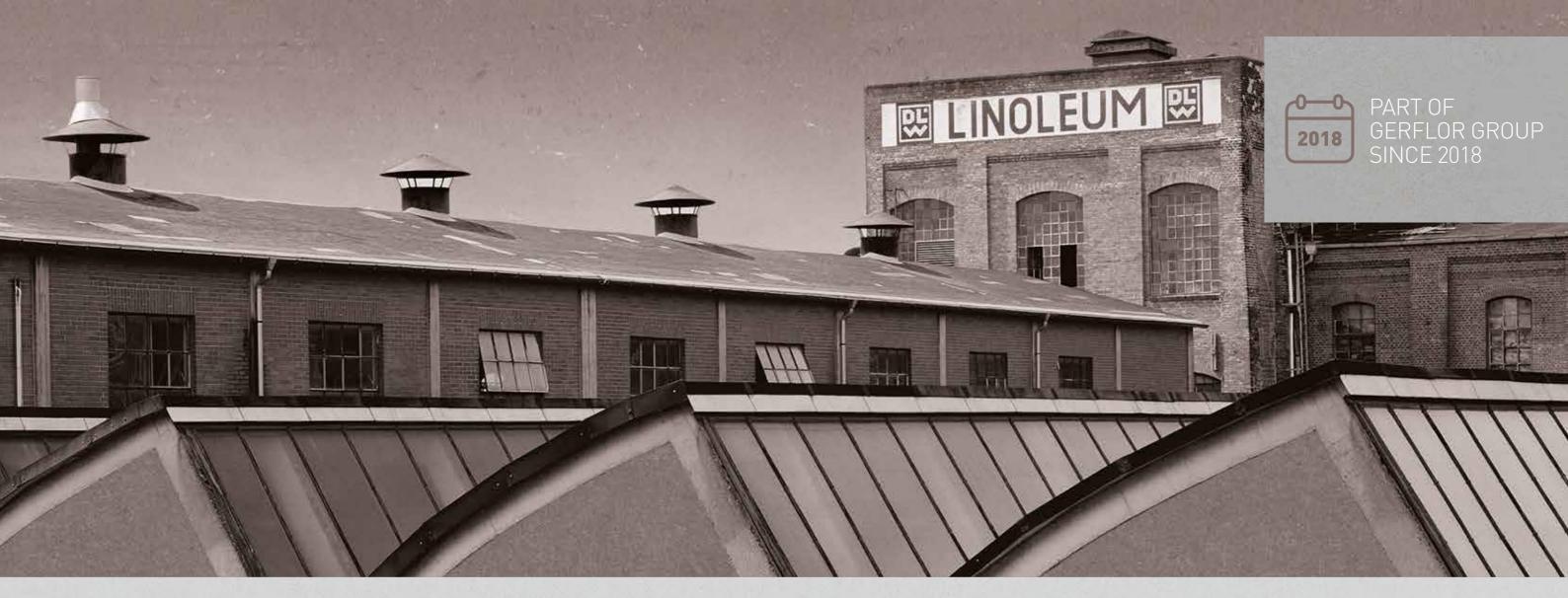








### DLW, THE GENUINE LINOLEUM BRAND



### SERVING ARCHITECTURE SINCE 1882

- **1863:** Invention of Linoleum by Sir Frederic Walton.
- 1882: Foundation of DLW, the first linoleum brand in Germany and its factory is based in Delmenhorst (Germany)



HISTORICISM 1913 Gabriel von Seidl Cityhall, **Bremen** 



BAUHAUS 1927 Mies van der Rohe Gropius Weissenhofsiedlung, Stuttgart



MODERN MOVEMENT 1957 Le Corbusier Heilsberger apartments, Berlin



CONTEMPORARY MARS 1976 MOVEMENT
1992
Jean Nouvel
Hôtel Les Thermes, Dax



CONTEMPORARY -EXPERIMENTAL & MINIMALISM 2008 Herzog & Demeuron Olympic Stadium, *Beijing* 

### **KEY BENEFITS OF LINOLEUM**



- Inlaid product construction > Long lasting appearance
- Hardwearing
- > Adapted to high pedestrian and mechanical traffic
- Micro scratch resistance
- > No problem with tearings and scratches



### Health

- Third part certified antiviral and antibacterial activity
- > Hygienic solution
- Very low emissions TVOC < 10 microgram/m³ after 28 days
- > Best indoor air quality
- Neocare™ surface treatment (dirt and stain barrier)
- > Easy to clean



### Comfort

- Resilient and soft surfaceChild friendly
- Up to 19dB sound insulation
- > Acoustic comfort
- Suitable for underfloor heating
- > Thermal comfort



### Design

- Selection of designs and colorsFreedom of choice
- Matt effect
- > Contemporary finish
- Mix and match possibilities
- > Creativity and differentiation



**ECO LABELS** 

QUALITY

LIFE CYCLE ANALYSIS

INDOOR AIR QUALITY



















 $\frac{8}{2}$ 

### **CIRCULAR ECONOMY**

### **CARBON NEUTRAL\***

Our CO<sub>2</sub> emissions are neutral during the first stages of the product life cycle, from the growing of raw materials to the end of the production process.

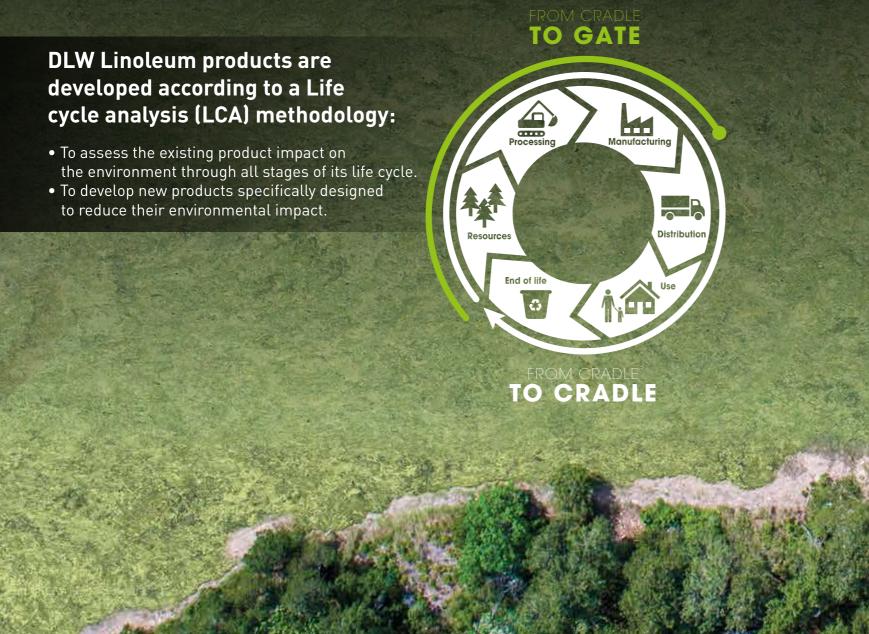


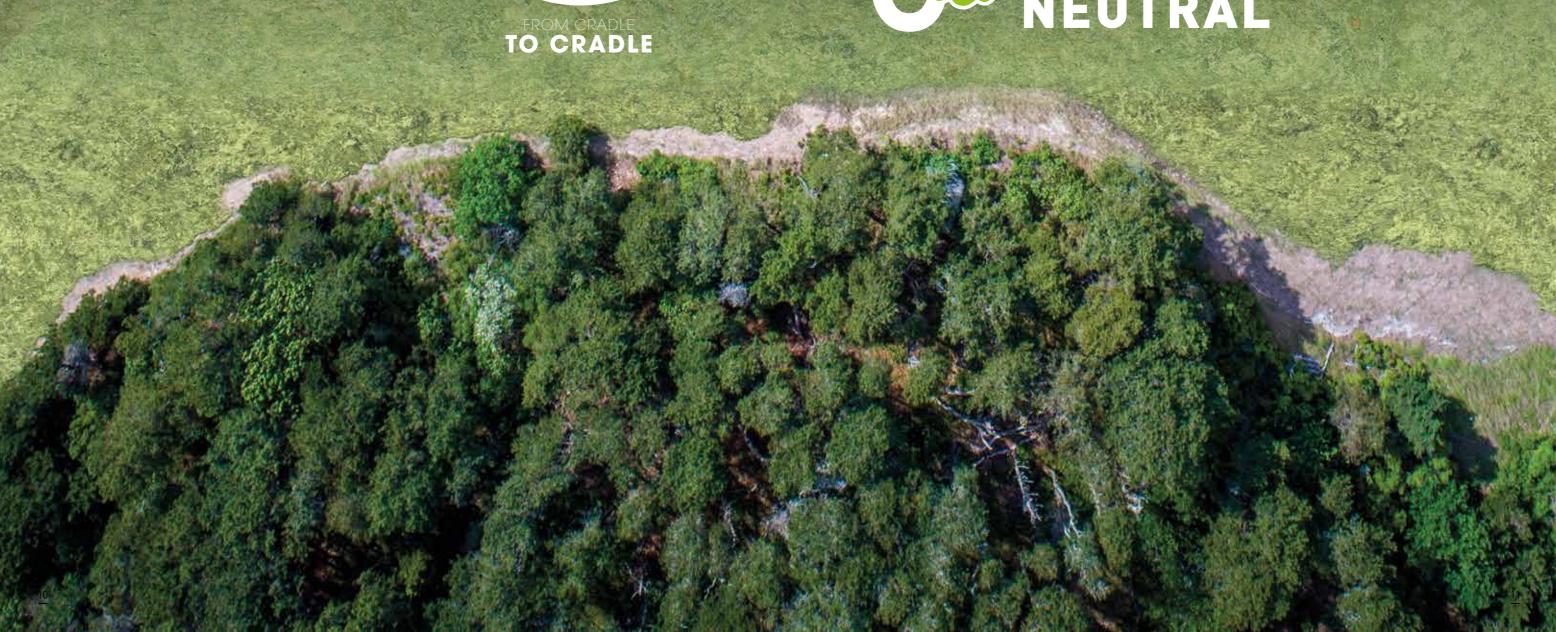
All the details can be found in our Environmental Product Declaration, which has been third part certified (EVEA laboratory) according to the guidelines of international certification body (UL).



(\*) From Cradle to Gate: includes raw materials and manufacturing process (A1-A3 stages of EPD)







### CRADLE TO CRADLE CERTIFIED™ SILVER®

DLW Linoleum consists of
76% rapidly renewable raw materials,
and contains up to 40% of recycled content.
100% of production waste
and laying residues are recycled.

i) {id

The products are manufactured using raw materials that are as safe as possible for humans and the environment.









Our principle of social responsibility defines high standards and promotes the interests of our employees with the aim of optimum working conditions at Gerflor and our suppliers.

#### Water is precious.

We handle this scarce and valuable resource with a sense of responsibility while protecting our water catchment areas.

Our flooring is produced with the most efficient use of energy and with a steadily increasing share of renewable energies.

(1) MARMORETTE, ARABESQUE, COLORETTE, UNI WALTON, MARMORETTE ACOUSTIC, LINO ART

Being Cradle to Cradle Certified™ Silver means our product was awarded certification based upon their performance across five critical areas of sustainability: Material Health, Product Circularity, Renewable Energy and Carbon Management, Water Stewardship, and Social Fairness. The certification is awarded by the Cradle to Cradle Products innovation Institute.

Cradle to Cradle Certified<sup>™</sup> products are designed for a safe, circular and responsible future economy. Gerflor's final target is to reduce waste, up to get "zero waste" meaning the waste can become available for a new product cycle.

Cradle to Cradle Certified™ is a product certification based on a design-philosophy Gerflor adheres to follow this approach in the search for continuous improvement.









### PROTECTIVE BY NATURE

NEW SOLVENT-FREE SURFACE PROTECTION DEVELOPED EXCLUSIVELY FOR LINOLEUM.

EXTREMELY HARD WEARING DUE TO TRIPLE LASER UV CROSS-LINKING



### **INDOOR AIR QUALITY**

- Very low VOC emissions
   TVOC < 10microgram/m³ after 28 days (ISO 16516)</li>
- Certified according to the most demanding standards



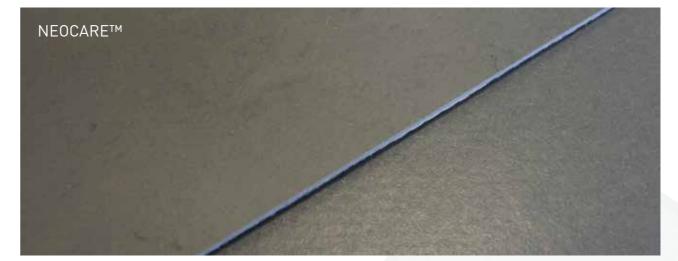












LPX / PUR / others...

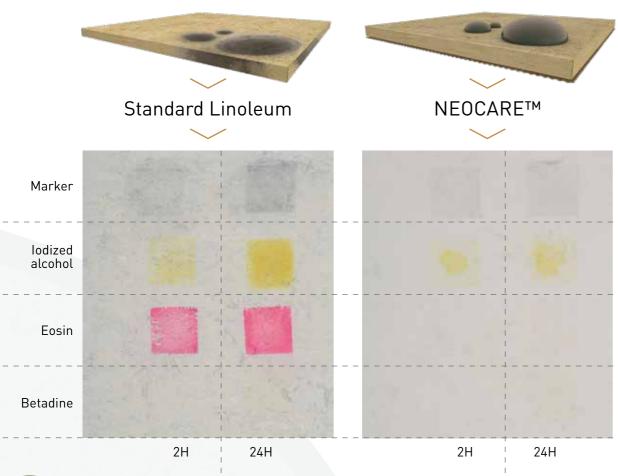




### **EASY TO CLEAN**

- Dirt and stain barrier
- Cost effective maintenance
- Easy cleaning with a mop or any modern cleaning equipment

Detailed cleaning protocol available on www.gerfor.com





### **HYGIENE**

DLW Linoleum floorings contribute to lower the microbe load (bacteria, virus, ...) and to minimise the risk of a contamination chain.

- Excellent resistance against disinfection chemicals
- Antiviral and antibacterial activity

#### **ANTIBACTERIAL SURFACES**

Tests conducted by a third part lab (Isega) according to ISO 22196 / JIS Z 2801 standard, prove that DLW Linoleum floorings with Neocare™ surface treatment have antibacterial activity against E.coli - S.aureus - MRSA: our surfaces **inhibit growth of bacteria by 99,99% after 24h** 

#### ANTIVIRAL SURFACES

Tests conducted by a third part lab (Virhealth) according to ISO 21702 standard, prove that DLW Linoleum floorings with Neocare™ have antiviral activity against Human Coronaviruses: our surfaces **reduce the number of virus by 98.65% after 5h.** 





- No sealing and waxing needed
- Higher scratch resistance
- Easy to repair: in case of heavily damaged flooring, DLW linoleum can be easily repaired using the spray buffing method (red disk)

### WAXING

NEOCARE™ is a high performing surface treatment protecting against dirt, stains and scratches and does not require any sealing & waxing throughout the life of the product. Waxing remains an option.



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### THE MOST COMPLETE OFFER

**FLOORS** 

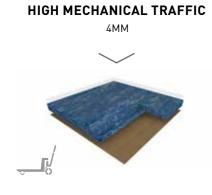




• ACOUSTIC VERSIONS
• TILES
• BFL-S1 VERSION

ON DEMAND

#### TECHNIC LINOLEUM





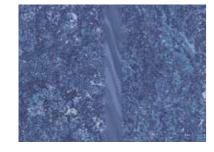
UNI



#### FINISHES



#### CAMOUFLAGE



Marmorette, Arabesque & Linodur

**& Linodur**Camouflage welding rod: invisible joints.



Colorette, Uni Walton & Lino Art

Uni welding rod: a large palett of colors.

Welding rod matching table available on: gerflor.com

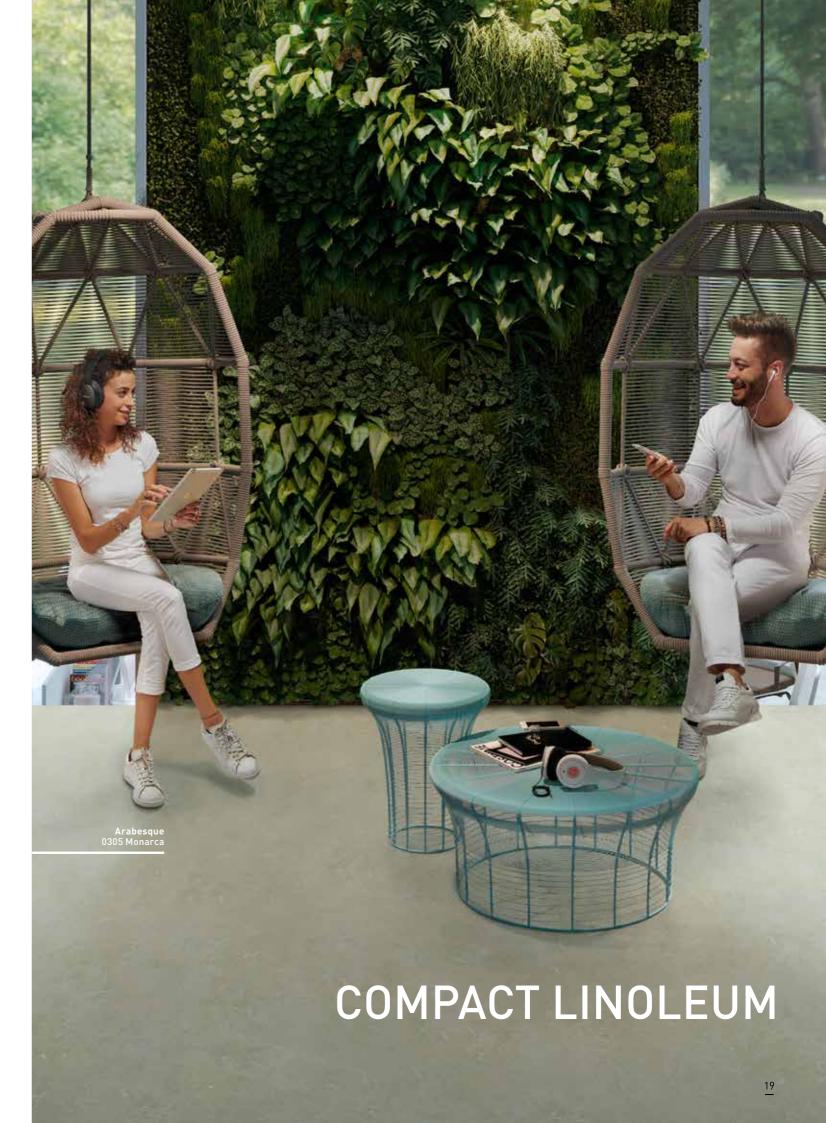


Handrails

V &

Wall Coverings & Protections Entrance mats



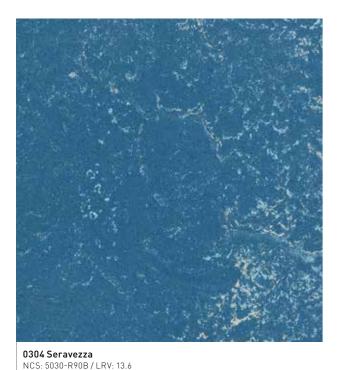


### ARABESQUE | neocare | 2.5mm











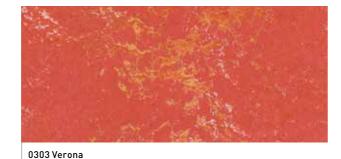
0302 Antico NCS: 2502-Y / LRV: 47.8



0305 Monarca NCS: 4005-G50Y / LRV: 33.5



**0301 Alcino** NCS: 8502-B / LRV: 5.7



0306 Prato NCS: 5020-B30G / LRV: 16.0

NCS: 2060-Y90R / LRV: 20.3

### MARMORETTE | neocare |











0056 Foggy Blue 2.0mm / 2.5mm / 3.2mm NCS: 4005-Y50R / LRV: 31.8

**0055 Ash Grey** 2.0mm / 2.5mm / 3.2mm NCS: 3502-B / LRV: 39.0





0155 Smoked Pearl

0153 Greystone Grey NCS: 4005-Y50R / LRV: 29.5

0053 Ice Grey 2.0mm/2.5mm/3.2mm NCS: 4000-N/LRV: 31.2

0050 Quartz Grey 2.0mm / 2.5mm / 3.2mm NCS: 5502-R / LRV: 20.7









0054 Concrete Patty 2.5mm NCS: 5500-N / LRV: 20.5

0059 Plumb Grey 2.0mm / 2.5mm / 3.2mm NCS: 7005-R50B / LRV: 11.3

0096 Midnight Grey NCS: 8000-N / LRV: 7.3



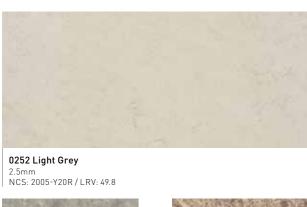
### MARMORETTE | neocare |





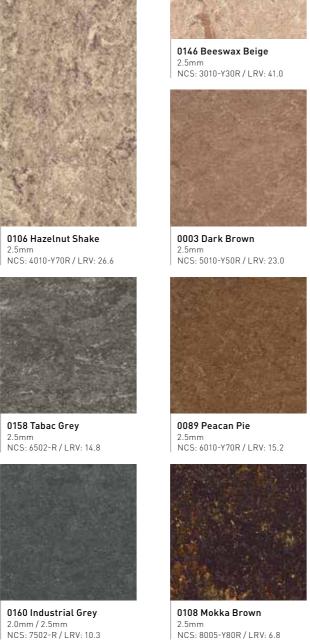
0045 Sand Beige

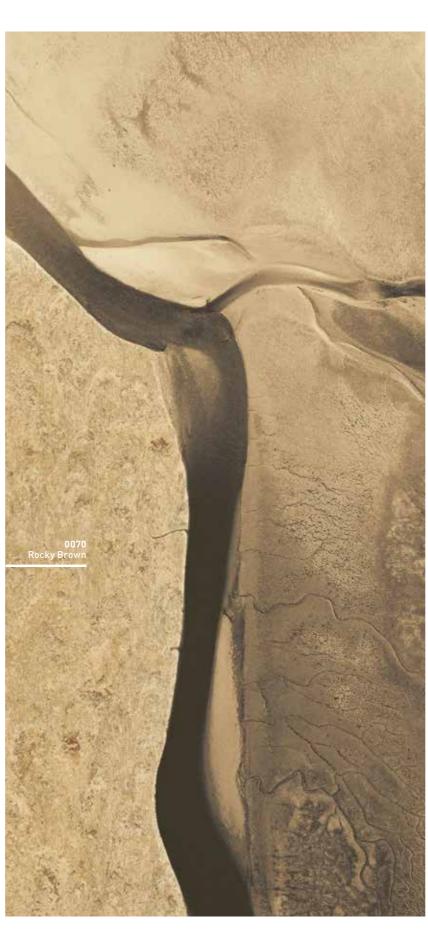
2.0mm / 2.5mm NCS: 2005-Y50R / LRV: 53.2







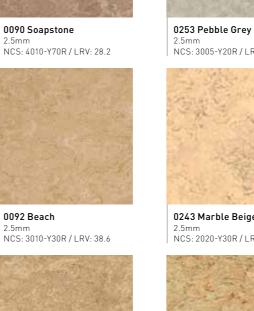


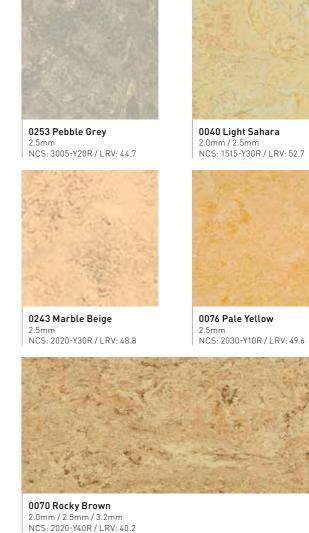




0042 Shortcrust

NCS: 3020-Y30R / LRV: 31.3





0145 Banana White

0251 Cream

NCS: 2010-Y10R / LRV: 52.9

NCS: 1510-Y40R / LRV: 60.4

0098 Desert Beige 2.0mm / 2.5mm NCS: 2020-Y40R / LRV: 49.9



0164 Milk Coffee

0166 Clay

2.5mm NCS: 4005-Y20R / LRV: 28.4



### MARMORETTE | neocare









0173 Melon Orange 2.5mm NCS: 2040-Y30R / LRV: 38.6



0072 Golden Yellow 2.5mm NCS: 2040-Y20R / LRV: 41.0



0172 Papaya Orange 2.5mm NCS: 2060-Y30R / LRV: 33.1



0073 Spicy Orange 2.5mm NCS: 3040-Y50R / LRV: 24.7



0019 Sunset Orange

0119 Terracotta NCS: 3050-Y70R / LRV: 18.1



0211 Pink 2.5mm NCS: 1030-R / LRV: 42.1



0117 Mandarin Orange NCS: 2070-Y70R / LRV: 18.8



**0075 Light Aurora** 2.5mm NCS: 2030-Y60R / LRV: 40.2



0118 Chili Red 2.5mm NCS: 2070-Y90R / LRV: 12.5



0018 Lobster Red NCS: 4040-R / LRV: 10.6

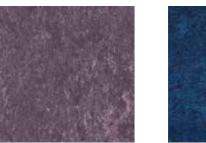


### MARMORETTE | neocare |









0128 Violet 2.5mm NCS: 4030-R60B / LRV: 13.8



0028 Dive 2.5mm NCS: 6020-R80B / LRV: 9.4



2.5mm NCS: 6030-B10G / LRV: 9.0



NCS: 4040-B60G / LRV: 16.8





2.5mm NCS: 2020-G50Y / LRV: 45.5





0132 Lime Green 2.5mm NCS: 2050-G60Y / LRV: 38.1



0100 Frog Green

0083 Jungle NCS: 6010-G50Y / LRV: 14.9



2.5mm NCS: 5020-G90Y / LRV: 19.9





### COLORETTE | neocare | 2.5mm



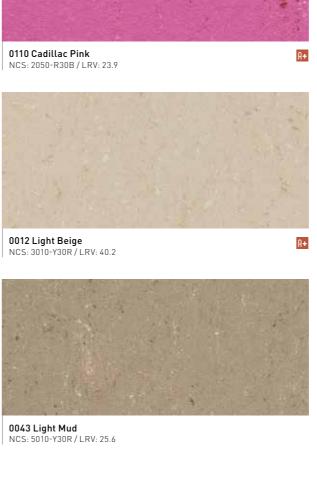




















### UNI WALTON | neocare |











0059 Frost Grey NCS: 1502-Y50R / LRV: 59.6



0095 Spring Blue NCS: 3030-B / LRV: 29.1



0081 Nickel Grey NCS: 4502-R / LRV: 31.5



0062 Mediterranean Orange NCS: 3060-Y70R / LRV: 16.4



**0010 Pompeji Red** NCS: 2070-Y90R / LRV: 14.1



0088 Chestnut NCS: 5040-Y80R / LRV: 9.1



0060 Deep Brown NCS: 7020-Y60R / LRV: 9.2



NCS: 4005-Y20R / LRV: 35.7



0058 Clay Grey NCS: 6005-Y20R / LRV: 15.8



0090 Olive NCS: 5020-Y / LRV: 22.3



**0035 Racing Green** NCS: 8005-B80G / LRV: 7.6



0082 Broken Grey NCS: 5502-R / LRV: 20.7



0083 Architects Grey NCS: 7500-N / LRV: 10.9



0080 Black NCS: 8505-R80B / LRV: 4.8

All colours can be manufactured in Acoustic 15dB version. Special request - Minimum order quantity: 1200 qm. Below 1200sqm, use Korkment underlayer. All colours can be manufactured in AcousticPlus 19dB version. Special request - Minimum order quantity: 60sqm

### LINO ART URBAN Compact Neo Care 2.5mm









**0552 Silver Grey** NCS: 3005-G50Y / LRV: 41.8



**0567 Shining Green** NCS: 4005-G80Y / LRV: 35.2



**0566 Shining Blue** NCS: 5005-R80B / LRV: 21.8



**0565 Graphite Grey** NCS: 6005-R50B / LRV: 15.3



**0562 Titan Grey** NCS: 3000-N / LRV: 41.2

**0563 Zinc Grey** NCS: 4502-R / LRV: 27.4







**0550 Beton Soft Grey** NCS: 4005-Y50R / LRV: 31.7



**0557 Urban Grey** NCS: 4010-Y50R / LRV: 30.5



**0554 Concrete Grey** NCS: 5005-Y50R / LRV: 25.2



**0551 Flashy Asphalt Grey** NCS: 5005-Y80R / LRV: 24.9



**0559 Vintage Grey** NCS: 5005-Y20R / LRV: 24.9



**0564 Natural Stone** NCS: 1505-Y20R / LRV: 59.1



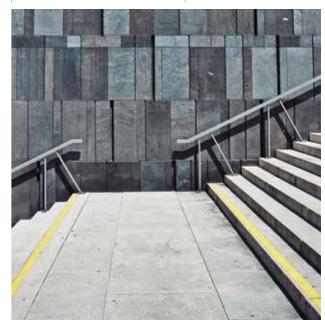
**0560 Bold Grey** NCS: 6005-Y50R / LRV: 16.5



0553 Dark Concrete Grey NCS: 6005-Y50R / LRV: 16.1



0561 Pitch Black NCS: 8000-N / LRV: 7.1



All colours can be manufactured in Acoustic 15dB version. Special request - Minimum order quantity: 1200 qm. Below 1200sqm, use Korkment underlayer. All colours can be manufactured in AcousticPlus 19dB version. Special request - Minimum order quantity: 60sqm

### LINO ART FLOW | neocare | 2.5mm









**0024 Magma** NCS: 3010-Y60R / LRV: 47.8





0005 Bamboo NCS: 2005-Y20R / LRV: 50.6



0030 Rain NCS: 2002-Y50R / LRV: 43.3



0048 Travertin NCS: 2010-Y30R / LRV: 55.0



0036 Shaal Concrete NCS: 2002-Y50R / LRV: 52.6



**0050 Grey Line** NCS: 5000-N / LRV: 26.0



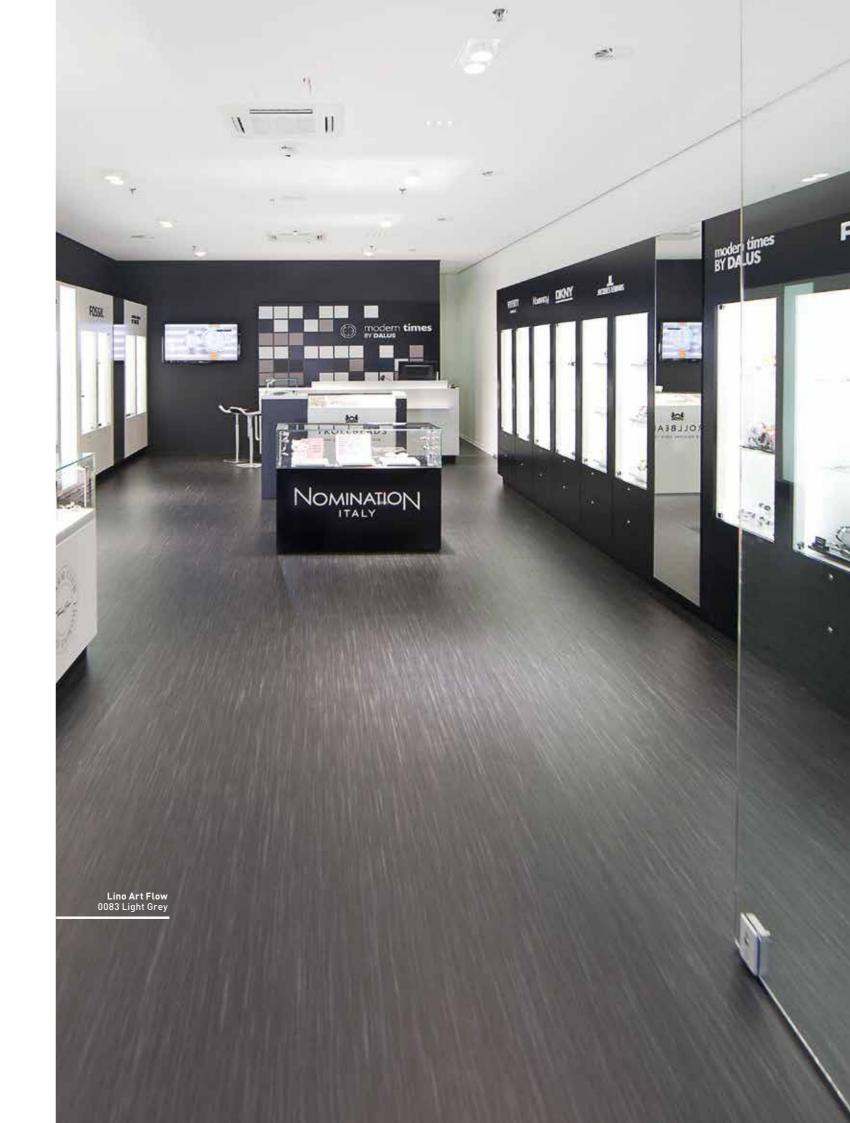
0043 Pulp Greige NCS: 5005-Y20R / LRV: 25.4



**0083 Light Grey** NCS: 7500-N / LRV: 10.4



0162 Bark NCS: 6010-Y50R / LRV: 16.0



### LINO ART METALLIC | neocare | 1.5mm







### LINO ART STAR | neo care | 2.5 mm





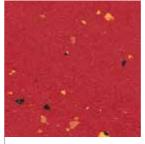




0078 Petrol Blue NCS: 7010-R70B / LRV: 11.2



0076 Salsa NCS: 4050-Y90R / LRV: 10.0



**0015 Glaring Red** NCS: 2070-R / LRV: 11.5



0075 Apricot NCS: 2050-Y50R / LRV: 29.0



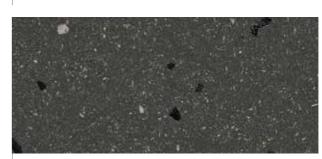
0092 Stratiatella NCS: 4005-Y20R / LRV: 35.4

**0090 Smooth Grey** NCS: 6005-Y80R / LRV: 17.5

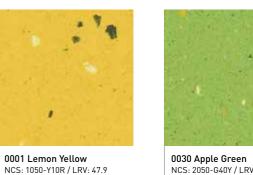


**0059 Dusty Grey** NCS: 5005-Y50R / LRV: 20.9





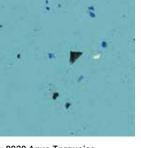
0085 Mid Grey NCS: 8000-N / LRV: 8.2

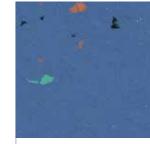


NCS: 2050-G40Y / LRV: 35.0

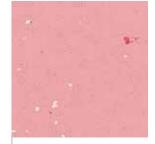


0023 Blue Turquoise NCS: 5030-B50G / LRV: 16.0





**0025 Clear Blue** NCS: 5030-R70B / LRV: 13.4



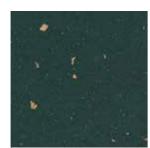
0094 Bubble Gum NCS: 1040-R / LRV: 42.5



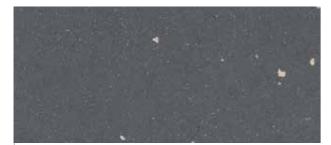
**0070 Cool Grey** NCS: 7005-B20G / LRV: 11.1



0072 Olive Green NCS: 7005-Y50R / LRV: 13.5



0068 Bottle Green NCS: 8005-B80G / LRV: 7.2

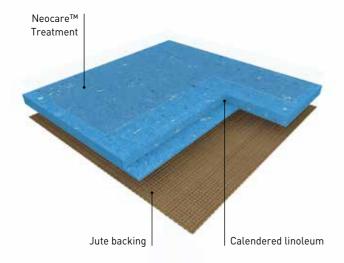


0083 Alumino Light Grey NCS: 7500-N / LRV: 11.0





### COMPACT LINOLEUM neo care







ARABESQUE is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas. Its weight is 2900g/sqm in 2.5mm.

It features a marbled design and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.





COLORETTE is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas. Its weight is 2900g/sgm in 2.5mm.

It features a speckled design and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.









MARMORETTE is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas. Its weight is 2400g/sqm in 2.0mm, 2900g/sqm in 2.5mm and 3800g/sqm in 3.2mm. It features a marbled design and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.





**UNI WALTON** is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas. Its weight is 2900g/sqm in 2.5mm.

It features a uni design and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.





LINO ART is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas. Its weight is 2900g/sqm in 2.5mm.

It features a striated design (FLOW), a scattered metallic design (METALLIC), a scattered colour chips design (STAR), a concrete design (URBAN) and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.

#### ARABESQUE, COLORETTE, MARMORETTE, UNI WALTON, LINO ART

The floorings are produced with Neocare™ solvent-free surface treatment, an exclusive photo-cured acrylate based lacquer surface treatment obtained by triple laser UV cross linking. Neocare™ offers excellent scratch resistance as well as resistance to chemicals found in aggressive environments such as bleach, hydro alcoholic solutions, Betadine and Eosin as well as markers making maintenance easier and increasing the life of the flooring.

This treatment avoids performing any polishing throughout the lifetime of the product. It can however be polished following usual recommendations and according to the customer's wishes.

The products ensure perfect indoor air quality (TVOC at 28 days (EN 16516) < 10 microgram/m³) and are classified A + (the best class) in the context of health labeling. It is Floorscore®, M1 and Blue Angel certified.

The floorings are 100% recyclable, are composed of minimum 25% recycled content and up to 40% recycled content, 100% controlled, are REACH compliant and rated Cfl-s1 for fire resistance.

Designed and manufactured in a sustainable way in a plant awarded with ISO 9001 (quality), ISO 14001 (environment) and ISO 50001 (energy) certifications, the floorings are Cradle to Cradle certified™ Silver. They are Environmental Performance Declaration (EPD) certified by an external laboratory indicating carbon neutrality during the first stages of their life cycle ("from cradle to gate").

The Camouflage (Arabesque, Marmorette) or Uni (Colorette, Uni Walton, Lino Art) welding rod makes the connections between the strips invisible.

They are antistatic, antibacterial according to ISO 22196 / JIS Z 2801 and

antiviral according to ISO 21702.



### COMPACT LINOLEUM neocur TECHNICAL DATA

		_				
			MARMORETTE	ARABESQUE / COLORETTE / UNI WALTON	LINO ART URBAN / FLOW / METALLIC / STAR	
DESCRIPTION						
Total thickness	EN ISO 24346	mm	2.0 / 2.5 / 3.2	2.5	2.5	
Backing	-	-	Jute fabric	Jute fabric	Jute fabric	
Thickness of cork/foam backing	EN ISO 24340	-	-		-	
	EN ISO 23997	g/sqm	2400 / 2900 / 3800	2900	2900	
Width of sheet	EN ISO 24341	cm	200	200	200	
Length of sheet	EN ISO 24341	m	20-31	20-31	20-31	
CLASSIFICATION						
Norm/Product specification	-	-	EN ISO 24011	EN ISO 24011	EN ISO 24011	
			23 / 34 / 43	/ /	22 / 2 / / 2	
European classification	EN ISO 10874	class —	23 / 32 / 41 in 2.0mm	23 / 34 / 43	23 / 34 / 43	
Fire rating	EN 13501-1	class	C <sub>fl</sub> -s1*	C <sub>fl</sub> -s1*	C <sub>fl</sub> -s1*	
Slip resistance	ASR A1.5 /DIN 51130 - BGR 181	class	R9	R9	R9	
Barefoot slipping	DIN 51097	-	-	-	-	
Impact sound insulation	EN ISO 717-2	dB	3dB / 5dB / 6dB	5dB	5dB	
PERFORMANCES						
Residual indentation	EN ISO 24343-1	mm	≤ 0.09 / ≤ 0.11	≤ 0.11	≤ 0.11	
Colour fastness	EN ISO 105 - B02	Rating	6	6	6	
Vertical resistance	EN 1081	0hm	-	-	-	
Point contact resistance	VDE 0100	k0hm	> 200	> 200	> 200	
Static electrical propensity	EN 1815	kV	≈ 2.0	≈ 2.0	≈ 2.0	
Castor chair test (Type W)	ISO 4918	-	OK	OK	OK	
Flexibility	ISO 24344	mm	Ø 20 (2.5 mm)	Ø 20	Ø 20	
Thermal resistance	EN 12667	sqm,K/W	0.012 / 0.015 / 0.018	0.015	0.015	
Thermal conductivity	EN ISO 10456	W/(m.K)	0.17	0.17	0.17	
Surface treatment	-	-	Neocare™	Neocare™	Neocare™	
Chemical products resistance	EN ISO 26987	-	OK	OK	OK	
Anti-bacterial activity (E. coli - S. aureus - MRSA) after 24 h**	EN ISO 22196 / JIS Z 2801	-	> 99.99 % inhibits growth	> 99.99 % inhibits growth	>99.99% inhibits growth	
Anti-viral activity (Human coronavirus) after 5 h**	ISO 21702	-	> 98.65 % virucidal activity	> 98.65 % virucidal activity	> 98.65 % virucidal activity	
INDOOR AIR QUALITY						
TVOC after 28 days	EN 16516	microgram/m³	< 10	< 10	< 10	
CIRCULAR ECONOMY						
Certification	Cradle to Cradle	-	Silver	Silver	Silver	
CE MARKING						
CE	EN 14041: 2004 AC: 2006	-	C <sub>r</sub>			

<sup>\*</sup> Glued according to certificate. / DOP numbers available from your local branch.

Depending on light exposure, the product colour can vary due to the natural oxidisation process of linoleum. This process is reversible. We recommend that the samples be exposed to sunlight for several hours prior to making a final color choice.



**ACOUSTIC LINOLEUM** 

<sup>\*\*</sup> The implementation of an effective cleaning method is the best defence against infection.

### MARMORETTE ACOUSTIC | neo care\* | .......







### COLORETTE ACOUSTICPLUS | See | neo care\* | 1









0019 Sunset Orange NCS: 3040-Y60R / LRV: 27.3



0098 Desert Beige NCS: 2020-Y40R / LRV: 49.9



0045 Sand Beige NCS: 2005-Y50R / LRV: 53.2



0059 Plumb Grey NCS: 7005-R50B / LRV: 11.3



0053 Ice Grey NCS: 4000-N / LRV: 31.2



**0023 Dusty Blue** NCS: 4010-R90B / LRV: 30.0

### MARMORETTE ACOUSTICPLUS | See | new common |









0129 Curacao Petrol NCS: 4040-B60G / LRV: 16.8



**0130 Antique Green** NCS: 2020-G50Y / LRV: 45.5



0022 Autumn Blue NCS: 5010-R90B / LRV: 20.6

0040 Light Sahara



0073 Spicy Orange

0096 Midnight Grey

NCS: 8000-N / LRV: 7.3



0070 Rocky Brown





0059 Plumb Grey NCS: 7005-R50B / LRV: 11.3



0053 Ice Grey NCS: 4000-N / LRV: 31.2

0001 Banana Yellow NCS: 2050-Y / LRV: 45.7



**0170 Kumquat Orange** NCS: 1070-Y70R / LRV: 26.9



0110 Cadillac Pink NCS: 2050-R30B / LRV: 23.9



0132 Spicy Green NCS: 1060-G40Y / LRV: 44.1



0123 Poppy Blue NCS:1560-R90B / LRV: 21.9



0004 Bluebird NCS: 4040-R80B / LRV: 18.6



0012 Light Beige



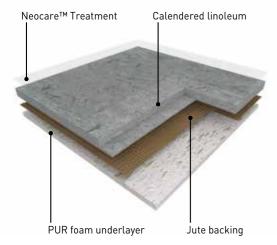
0059 Stone Grey NCS: 5500-N / LRV: 22.2



0080 Elephant Grey



### ACOUSTIC LINOLEUM necessity





MARMORETTE ACOUSTICPLUS is a calendered linoleum acoustic floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas.

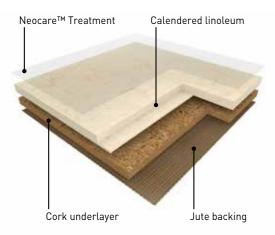
Its weight is 3500q/sqm in 4.0mm.

It features a marbled design and presents a matt finish, is composed of bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric), rapidly renewable and features a 1.5mm recycled foam underlayer, ensuring up to 19dB impact sound reduction.

COLORETTE ACOUSTICPLUS is a calendered linoleum acoustic floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas.

Its weight is 3500q/sqm in 4.0mm.

It features a speckled design and presents a matt finish, is composed of bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric), rapidly renewable and features a 1,5mm recycled foam underlayer, ensuring up to 19dB impact sound reduction.





MARMORETTE ACOUSTIC is a calendered linoleum acoustic floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas.

Its weight is 3900g/sqm in 4.0mm. It features a marbled design and presents a matt finish, is composed of bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric), rapidly renewable and features a 2mm cork underlayer, ensuring up to 15dB impact sound reduction.

#### ACOUSTIC LINOLEUM

The floorings are produced with Neocare™ solvent-free surface treatment, an exclusive photo-cured acrylate based lacquer surface treatment obtained by triple laser UV cross linking. Neocare<sup>TM</sup> offers excellent scratch resistance as well as resistance to chemicals found in aggressive environments such as bleach, hydro alcoholic solutions, Betadine and Eosin as well as markers making maintenance easier and increasing the life of the flooring. This treatment avoids performing any polishing throughout the lifetime of the product. It can however be polished following usual recommendations and according to the customer's wishes.

The products ensure perfect indoor air quality [TVOC at 28 days [EN 16516] < 10 microgram/m<sup>3</sup>] and are classified A + (the best class) in the context of health labeling. They are Floorscore®, M1 and Blue Angel certified. The floorings are 100% recyclable, are composed of minimum 25% recycled content and up to 40% recycled content, 100% controlled, are REACH compliant and rated Cfl-s1 for fire resistance.

Designed and manufactured in a sustainable way in a plant awarded with ISO 9001 (quality), ISO 14001 (environment) and ISO 50001 (energy) certifications, the floorings are Cradle to Cradle certified™ Bronze (Marmorette AcousticPlus, Colorette AcousticPlus) and Cradle to Cradle certified™ Silver (Marmorette Acoustic). Their Environmental Performance Declaration (EPD) certified by an external laboratory, indicate carbon neutrality during the first stages of their life cycle ("from cradle to gate").

The Camouflage (Arabesque, Marmorette) or Uni (Colorette, Uni Walton, Lino Art) welding rod makes the connections between the strips invisible.

They are antistatic, antibacterial according to ISO 22196 / JIS Z 2801 and antiviral according to ISO 21702.



#### **KORKMENT: CORK ACOUSTIC UNDERLAYER**

2.0mm underlayer (weight 1.2kg/sqm), 15 dB impact sound reduction

Ref R1020102

			MARMORETTE ACOUSTICPLUS 19dB	COLORETTE ACOUSTICPLUS 19dB	MARMORETTE ACOUSTIC 15dB
DESCRIPTION				·	
Total thickness	EN ISO 24346	mm	4.0	4.0	4.0
Backing	-	-	Foam backing	Foam backing	Cork and jute fabric
Thickness of cork / foam backing	EN ISO 24340	mm	1.5	1.5	2.0
Weight	EN ISO 23997	g/sqm	3500	3500	3900
Width of sheet	EN ISO 24341	cm	200	200	200
Length of sheet	EN ISO 24341	m	20-31	20-31	20-31
CLASSIFICATION					
Norm / Product specification	-	-	EN 686	EN 686	EN 687
European classification	EN ISO 10874	class	23 / 33 / 41	23 / 33 / 41	23 / 33 / 41
Fire rating	EN 13501-1	class	C <sub>fl</sub> -s1 <sup>[1]</sup>	C <sub>fl</sub> -s1 <sup>[1]</sup>	C <sub>fl</sub> -s1 <sup>[1]</sup>
Slip resistance	ASR A1.5 /DIN 51130 - BGR 181	class	R9	R9	R9
Impact sound insulation	EN ISO 717-2	dB	19dB	19dB	15dB
PERFORMANCES					
Residual indentation	EN ISO 24343-1	mm	≤ 0.30	≤ 0.30	≤ 0.40
Colour fastness	EN ISO 105 - B02	degree	6	6	6
Point contact resistance	VDE 0100	k0hm	> 200	> 200	> 200
Static electrical propensity	EN 1815	kV	2.0	2.0	2.0
Castor chair test (Type W)	ISO 4918	-	ОК	OK	OK
Thermal resistance	EN 12667	sqm,K/W	0.044	0.044	0.04
Thermal conductivity	EN ISO 10456	W/(m.K)	0.0937	0.0937	0.17
Surface treatment	-	-	Neocare™	Neocare™	Neocare™
Chemical products resistance	EN ISO 26987	class		OK	
Anti-bacterial activity (E. coli - S. aureus - MRSA) <sup>[2]</sup> after 24 hours	EN ISO 22196 / JIS Z 2801	-	> 99.99% inhibits growth	> 99.99% inhibits growth	> 99.99% inhibits growth
Anti-viral activity (Human coronavirus) after 5h <sup>(2)</sup>	ISO 21702	-	> 98,65 % virucidal activity	> 98,65 % virucidal activity	> 98,65 % virucidal activity
INDOOR AIR QUALITY					
TVOC after 28 days	EN 16516	microgram/m³	< 10	< 10	< 10
CIRCULAR ECONOMY					
Certification	Cradle to Cradle	-	Bronze	Bronze	Silver
CE MARKING					
CE	EN 14041: 2004 AC: 2006	-			C <sub>II</sub> -s1

(1) Glued according to certificate.

(2) The implementation of an effective cleaning method is the best defense against infection.

DOP numbers available from your local branch.

Depending on light exposure, the product colour can vary due to the natural oxidisation process of linoleum. This process is reversible. Depending on light exposure, the product colour can vary due to the natural exposure. Proceed in the samples be exposed to sunlight for several hours prior to making a final color choice.



### LINODUR | 4.0mm | 4.0mm

#### HIGH MECHANICAL TRAFFIC RESISTANCE



**0056 Marble Grey** NCS: 3502-Y / LRV: 36.0



**0020 Spring Blue** NCS: 3020-B / LRV: 21.0



**0081 Sporty Black** NCS: 8500-N / LRV: 6.0



**0024 Speckled Blue** NCS: 4040-R80B / LRV: 14.0



**0072 Peach Orange** NCS: 2060-Y40R / LRV: 30.0



0011 Avocado Green NCS: 2050-G30Y / LRV: 29.0

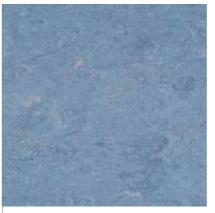
### MARMORETTE LCH | 2.5mm | 106 \$ R \$ 108







#### DISSIPATIVE LINOLEUM FOR ESD AREAS



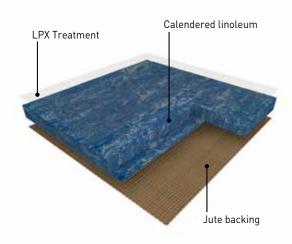
**0023 Dusty Blue** NCS: 4010-R90B / LRV: 30.0



**0055 Ash Grey** NCS: 3502-B / LRV: 39.0

### **LINODUR**

#### HIGH MECHANICAL TRAFFIC RESISTANCE





LINODUR is a calendered linoleum compact floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high pedestrian and mechanical traffic areas and has been designed to resist a 30kg/sqm dynamic load.

Its weight is 4700g/sqm in 4.0mm.

It features a moiré design and is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.

The flooring is equipped with LPX surface treatment, making the maintenance easy and the flooring long lasting.

The Camouflage welding rod makes the connections between the strips invisible.

It is antistatic, antibacterial according to ISO 22196 / JIS Z 2801.

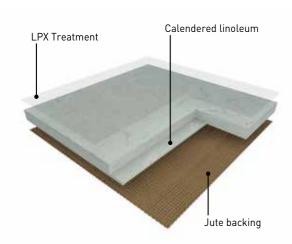
The flooring is 100% recyclable, is composed of minimum 25% recycled content and up to 40% recycled content, 100% controlled, is REACH compliant and rated Cfl-s1 for fire

This product is manufactured in a plant awarded with ISO 9001 (quality), ISO 14 001 (environment) and ISO 50001 (energy) certifications.

The product also benefits from international certifications such as Floorscore® and Blue Angel (emissions).

### MARMORETTE LCH

**DISSIPATIVE LINOLEUM FOR ESD AREAS** 











MARMORETTE LCH is a calendered linoleum compact dissipative floorcovering in sheet, 2m wide, providing excellent resistance to everyday wear and tear in high traffic areas.

Its vertical resistance is  $10^6 < R < 10^8 \Omega$ .

Its weight is 3000g/sqm in 2.5mm.

It features a marbled design and presents a matt finish, is composed of 98% bio based materials (linseed oil, wood flour, resins, cork, minerals and jute fabric) among of which 76% are rapidly renewable.

The flooring is equipped with LPX surface treatment, making the maintenance easy and the flooring long lasting.

The flooring is 100% recyclable, is composed of minimum 25% recycled content and up to 40% recycled content, 100% controlled, is REACH compliant and rated Cfl-s1 for fire

It is designed and manufactured in a sustainable way in a plant awarded with ISO 9001 (quality), ISO 14001 (environment) and ISO 50001 (energy) certifications.

The Camouflage welding rod makes the connections between the strips invisible.

It is antistatic, antibacterial according to ISO 22196 / JIS Z 2801.

			LINODUR	MARMORETTE LCH
DESCRIPTION				
Total thickness	EN ISO 24346	mm	4.0	2.5
Backing	-	-	Jute fabric	Jute fabric
Weight	EN ISO 23997	g/sqm	4700	3000
Width of sheet	EN ISO 24341	cm	200	200
Length of sheet	EN ISO 24341	m	20-31	20-31
CLASSIFICATION				
Norm / Product specification	-	-	EN ISO 24011	EN ISO 24011
European classification	EN ISO 10874	class	23 / 34 / 43	23 / 34 / 43
Fire rating	EN 13501-1	class	C <sub>fl</sub> -s1 <sup>[1]</sup>	C <sub>fl</sub> -s1 <sup>(1)</sup>
Slip resistance	ASR A1.5 /DIN 51130 - BGR 181	class	R9	R9
Barefoot splipping	DIN 51097	class	А	-
Impact sound insulation	EN ISO 717-2	dB	6dB	3dB
PERFORMANCES				
Residual indentation	EN ISO 24343-1	mm	≤ 0.20	≤ 0.11
Colour fastness	EN ISO 105 - B02	degree	6	6
Vertical resistance	EN 1081	0hm	-	10 <sup>6</sup> ≤ R ≤ 10 <sup>8</sup>
Point contact resistance	VDE 0100	k0hm	> 200	> 100
Static electrical propensity	EN 1815	kV	2.0	2.0
Castor chair test (Type W)	ISO 4918	-	OK	ОК
Thermal resistance	EN 12667	sqm,K/W	0.023	0.015
Thermal conductivity	EN ISO 10456	W/[m.K]	0.17	0.17
Surface treatment	-	-	LPX	LPX
Chemical products resistance	EN ISO 26987	class	OK	
Anti-bacterial activity (E. coli - S. aureus - MRSA) <sup>[2]</sup> after 24 hours	EN ISO 22196 / JIS Z 2801	-	> 99.99% inhibits growth	> 99.99% inhibits growth
CE MARKING				
CE	EN 14041: 2004 AC: 2006	-	To the second	

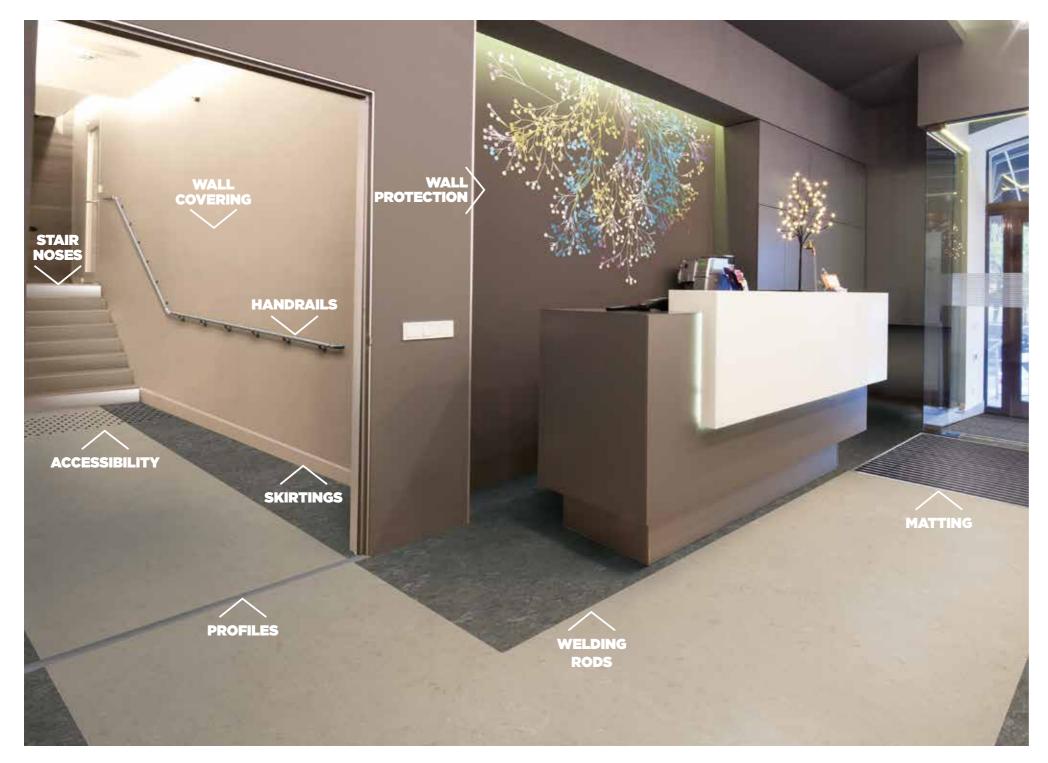
<sup>(1)</sup> Glued according to certificate.

Depending on light exposure, the product colour can vary due to the natural oxidisation process of linoleum. This process is reversible. We recommend that the samples be exposed to sunlight for several hours prior to making a final color choice.

DOP numbers available from your local branch.

### MORE THAN A FLOOR... WALL & FINISHES

For more details visit gerflor.com



#### **FLOOR PROTECTION**



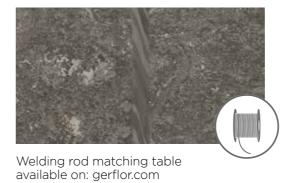
REF.: 058X0001

#### **KORKMENT:** CORK ACOUSTIC UNDERLAYER



REF.: R1020102

#### **WELDING ROD**



#### SKIRTINGS MDF \_\_\_\_\_



Color: White

#### SKIRTINGS COVE FORMER



Color: 6512

#### SKIRTINGS HSLA



## CLEANING NEOCARE™-TREATED LINOLEUM FLOORS

Marmorette / Arabesque / Colorette Uni Walton / Lino Art \_\_\_\_

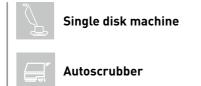


#### Damp sweeping equipment

Flexible mop preferably fitted with disposable, antistatic and/or pre-impregnated gauze strips



Manual washing equipment
Disposable microfibre mop or gauze





Mechanical cleaning disk 3M (or equivalent) colour disks

	Equipment used	Cleaning products	Cleaning methods
Manual or mechanical cleaning	or or if soiled	Neutral detergent or Alkaline detergent	<ul> <li>Damp sweeping</li> <li>Mechanical washing at 160-200 rpm (with water recovery)</li> </ul>
Manual cleaning		Neutral detergent / Disinfectant detergent <sup>[1]</sup>	<ul> <li>Damp sweeping</li> <li>Manual washing with flat mop</li> <li>Rinsing</li> </ul>
Mechanical cleaning		Neutral detergent	<ul> <li>Damp sweeping</li> <li>Mechanical washing at 160-200 rpm (with water recovery)</li> </ul>
Mechanical cleaning		Alkaline detergent	Damp sweeping     Mechanical washing     at 160-200 rpm (with water recovery)

(1) In areas where disinfection is essential (e.g. operating theatres, hospital rooms, etc.), alternate between using neutral detergent and amine-free disinfectant detergent.

These cleaning instructions have to be adapted depending on traffic and location of the area.

In the case of **manual maintenance** and to offer you the best results in terms of hygiene and appearance, **Gerflor recommends that you use neutral and alkaline detergents with high wetting power** (complete spreading and cleaning of the entire floor surface).



Gerflor DLW flooring products are to be installed in full accordance with Gerflor DLW installation instructions and recognized trade standards.

An effective, regular cleaning and maintenance program is vital for retaining a high appearance level.

Gerflor DLW flooring products should only be used as floorcoverings.

Note: Gerflor DLW reserve the right to amend this specification without giving prior notice. For the latest versions of the technical specifications, check our website: www.gerflor.com





### THE PROOF IS IN THE CUSTOMER EXPERIENCE















#### TESTIMONIAL:

"After trying DLW linoleum equipped with Neocare™, I would definitely recommend it for healthcare projects, as it meets our demanding standards in terms of cleaning and hygiene."

Anita Heidelbach, Head of Cleaning and Disinfection, Glostrup Hospital, Denmark



### \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ ..... \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_ .....



#### **DLW Linoleum, Creative by Nature**

At Gerflor, we believe that architecture has the power to improve people's lives.

Nature is our greatest source of inspiration. With the DLW Linoleum offer, we can provide architects with a collection of 159 colors, these are natural designs, that can enhance the sustainability and the creativity of their projects.

Made in Germany since 1882 and Cradle to Cradle certified™ Silver, the DLW Linoleum products are made of 98% bio based materials including linseed oil, wood, limestone, jute and resin.

It's simply our way of connecting people closer to nature.

### Mix and match collections

