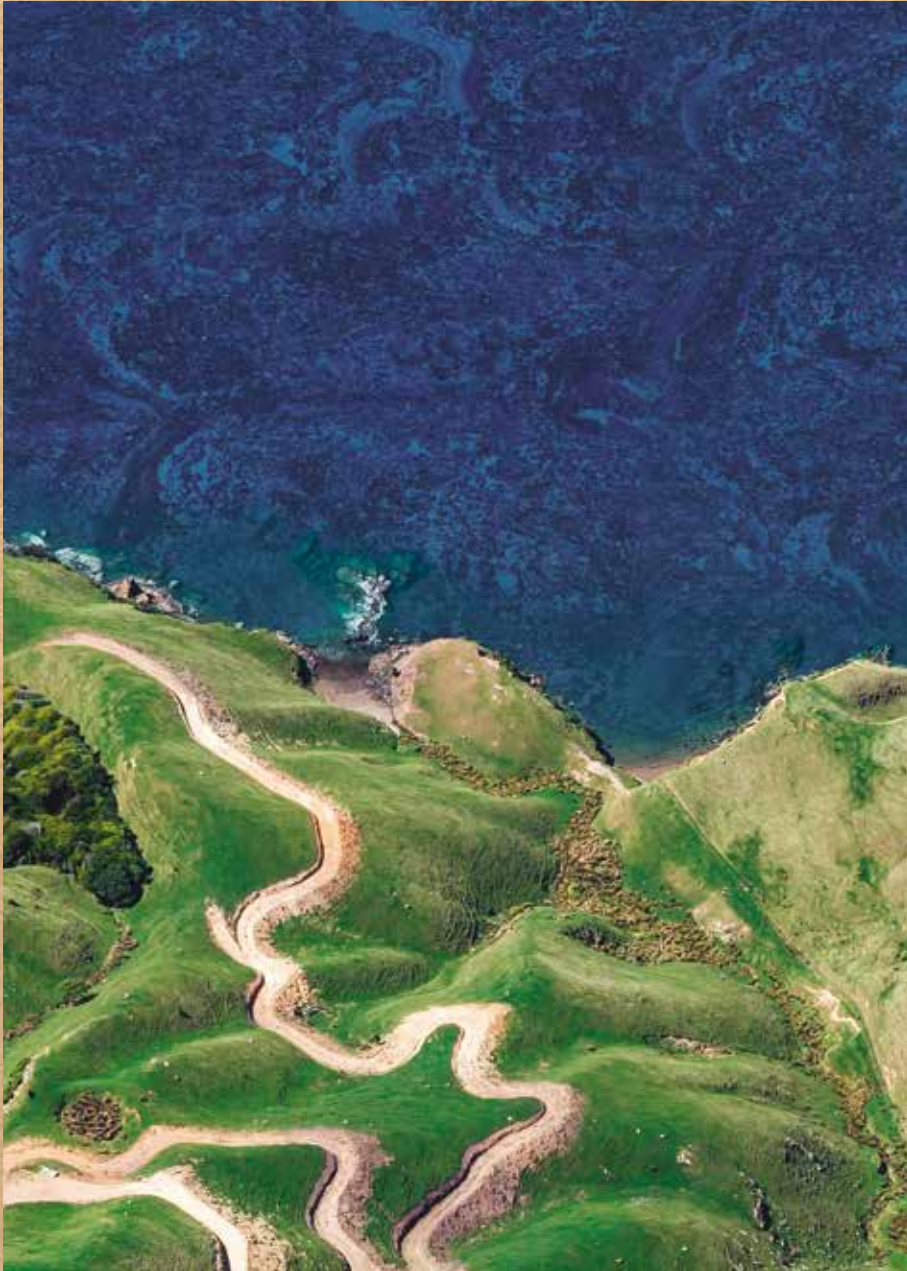




LINOLEUM

[gerflor.com](http://gerflor.com)



**Gerflor**<sup>®</sup>  
theflooringroup

# DLW: THE LINOLEUM BRAND OF GERFLOR

## **DLW, THE OLDEST BRAND OF LINOLEUM** \_\_\_\_\_

1863: Invention of Linoleum by Sir Walton.

1882: Foundation of DLW, the oldest linoleum brand in the world

2018: DLW joins Gerflor Group

Only 3 remaining linoleum manufacturers today.

## **GERFLOR DLW, A UNIQUE KNOWHOW** \_\_\_\_\_

130 years of unique linoleum expertise combined with the standards of a global flooring leader:

- Exceptional knowhow in the manufacturing of natural ingredients
- High-level quality control
- First-class technical support on installation and maintenance
- Dedicated customer service in major markets
- R&D centers in France and Germany

## **DLW, CREATIVE BY NATURE** \_\_\_\_\_

By essence, DLW linoleum is a sustainable solution, made of 98% natural materials.

By its history, from Art Nouveau to Contemporary Art, DLW has always supported architects in their creative projects to change people's life and accelerate societal change.



# DLW: SUPPORTING SUSTAINABILITY & CREATIVITY IN ARCHITECTURE

## 1905 - PETER BEHRENS \_\_\_\_\_



Peter Behrens designs the pattern "Circle and Square" for the collection of Linoleum with Ankler inlays. He became the pioneer of interior designs of this period.

## 1992 - JEAN NOUVEL \_\_\_\_\_



Jean Nouvel is one of the most important architects in France. His buildings represent unlimited individualism, always integrating cutting-edge technology. The Hotel Les Thermes de Dax: functional, with guidance ecological and an unusual facade design. The perfect pavement: Linoleum UNI WALTON by DLW in color "Blue", specially manufactured for this work.

## 1913 - GABRIEL VON SEIDL \_\_\_\_\_



In 1913, the architect Gabriel Von Seidl used rows of the famous brown and beige pattern in the construction of the new City Council of Bremen.

## 2004 - HENNING LARSEN \_\_\_\_\_



Henning Larsen designed the new Copenhagen Opera House. If you look at it in front or in profile, the feeling does not change: the large roof seems to vibrate in the air, as if thanks to it the entire structure was about to take off. From the architectural point of view, it is in fact the most characterizing element of the building. Henning Larsen chose DLW Linoleum as pavement for this unique building.

## 1927 - WALTER GROPIUS \_\_\_\_\_



Based on the concept of construction conceived by Ludwig Mies Van der Rohe, 17 European architects created 21 white buildings with flat roofs, with cubic rhythm in "Weissenhofsiedlung" in Stuttgart. One of the architects was Walter Gropius. 55 architects and interior designers furnished the buildings. Each of the buildings has DLW Linoleum.

## 2008 - HERZOG & DE MEURON \_\_\_\_\_



Beijing Olympic Stadium is the world's largest steel structure with 26km of unwrapped steel used. It was designed by Herzog & De Meuron Architekten and has been nicknamed the "bird's nest" due to the web of twisting steel sections that form the roof. As well as designing a modern stadium, the team was challenged with creating a venue that was part of the culture of China and would put Beijing on the map. Linoleum Marmorette Ice Grey was installed inside the building.

## 1957 - LE CORBUSIER \_\_\_\_\_



The objective of the International Construction Exhibition "Interbau" held in Berlin in 1957 was to rebuild the Hansaviertel district, almost totally destroyed in World War II. Le Corbusier installed 35.000 m<sup>2</sup> of Linoleum inside Heilsberger apartments.

# ECO FRIENDLY SOLUTION

The name “linoleum” is derived from its most important constituents.  
Origin: Latin, *linum linseed oleum oil*.

## Composition

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32%

**Linseed oil:**

Extracted from flax seeds, linseed oil is the first ingredient and the main binding agent used in linoleum.



28%

**Wood flour:**

Only all natural fillers here, using wood flour from Scandinavia or Germany.



15%

**Limestone:**

Ground up limestone is turned into chalk and added in as additional filler.



9%

**Jute:**

This long organic fiber is spun to create the product's backing.



7%

**Resin:**

Natural resins from plantation trees are used as the second binding agent.



5%

**Colored pigments:**

Our pigments are free of heavy metals and comply with AP89 regulation.



2%

**Cork** is used to ensure a good maturation of the product and brings elasticity to sport ranges.

## Content

✓ **98%**  
bio based

✓ **74%**  
rapidly  
renewable

Up to  
✓ **40%**  
recycled  
content



[www.blauer-engel.de/uz120](http://www.blauer-engel.de/uz120)



## Sustainability



### COMPOSITION

- 98% organic and mineral based
- 74% rapidly renewable
- Degradable, non negative influence on environment
- 100% Reach compliant



### RECYCLED CONTENT

- Up to 40% recycled contents, non varnished production wastes + wood powder



### LCA

- Manufactured in an ISO 14001 certified site
- EPD available



### WELLNESS

- Antifungal (avoid the spread of bacteria on the floor)
- Walking comfort

# KEY BENEFITS OF GERFLOR LINOLEUM

## Durability

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**It's resistant to stain, oil and fat**

**It's extremely wear proof:** high pedestrian & mechanical resistance

**It's resistant to fading**

**It is extremely durable** (30 years), able to withstand heavy traffic and is easy to maintain by following a simple cleaning protocol

**High quality:** Made in Germany – most respected in the world



## Hygiene

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**It's does not attract dust**

**The joints can be welded**

**It's bacteriostatic**

**As a living natural product,** it reacts to element such as daylight and water. It is helpful to set those expectations with your customer

**It's resistant** to most **acid** and **solvents**



## Comfort



**Warm underfoot**

The best sound insulation:  
**Acoustic plus ranges (19 dB)**

**It's soft and comforting** to the touch

**It's suitable for underfloor heating**

## Design

**It allows vivid colors:** calendered all through design

You can get **many colors** and **patterns**

DLW Linoleum has been a **popular choice** for **schools, hospitals** and **other public entities** for decades

**DLW linoleum:**

- no telegraphing
- no delamination
- no bight marks during installation



# CLEANING LINOLEUM FLOORS

Marmorette / Colorette / Granette / Uni Walton / Lino Art / Linodur



### Damp sweeping equipment

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



### Mechanical cleaning equipment

Auto scrubber, rotocleaner or single-brush machine



### Mechanical cleaning disk

3M (or equivalent) colour disks



### Single disk machine

	EQUIPMENT USED	CLEANING PRODUCTS	CLEANING METHODS
Initial treatment			
Manual cleaning <b>OR</b> Mechanical cleaning	 	Neutral or alcohol detergent (pH <9)	<ul style="list-style-type: none"> <li>• Damp sweeping</li> <li>• Mechanical washing with red disk at 160 - 180 rpm (with water recovery)                             <ul style="list-style-type: none"> <li>• Rinsing</li> </ul> </li> <li>• Application of redispersible detergent                             <ul style="list-style-type: none"> <li>• Dry polishing (300 - 100 rpm)</li> </ul> </li> </ul>
Daily cleaning	 	Neutral or alcohol detergent (PUR)  Floor maintainer (LPX)	<ul style="list-style-type: none"> <li>• Damp sweeping</li> <li>• Mechanical washing with red disk at 160 - 180 rpm (with water recovery)</li> </ul>
Weekly cleaning		Cleaner spray	<ul style="list-style-type: none"> <li>• Spray buffing with red or beige disk at 300 - 1000 rpm</li> </ul>
Deep cleaning	 	Intensive clean agent (pH <9)	<ul style="list-style-type: none"> <li>• Damp sweeping</li> <li>• Mechanical washing with red disk at 160 - 180 rpm (with water recovery)                             <ul style="list-style-type: none"> <li>• Rinsing</li> </ul> </li> <li>• Application of redispersible detergent with red disk                             <ul style="list-style-type: none"> <li>• Dry polishing</li> </ul> </li> </ul>
Reconditioning	 	Stripper for linoleum (pH <9) Acrylic emulsion	<ul style="list-style-type: none"> <li>• Damp sweeping                             <ul style="list-style-type: none"> <li>• Stripping</li> <li>• Rinsing</li> </ul> </li> <li>• Application of acrylic emulsion in 3 crossed layers, respecting the drying time between each layers</li> </ul>

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

# LINOLEUM IS A NATURAL PRODUCT

## Its colors enjoy light \_\_\_\_\_

Deprived from light and due to the oxidation of linseed oil, the yellowing process will attenuate its color. This process is reversible: when exposed to light during a few days or weeks, linoleum finds back its original color.

## It is sensitive to humidity \_\_\_\_\_

Due to its composition, linoleum is intended for dry rooms. Nevertheless, its surface treatment allows water based cleaning.

## It emits a natural smell \_\_\_\_\_

Like wood or leather, it emits a natural smell, which can be relatively strong at the beginning but will always fade with time.

## Its installation requires care \_\_\_\_\_

Linoleum needs to be handled with care, especially when unrolling, during the first 3 meters. Stress releasing head of rolls during installation is also useful.

## KEY POINTS TO REMEMBER ABOUT GERFLOR DLW LINOLEUM

**1** The DLW brand stands for **150 years of experience** and has been considered **a reference since its creation.**

**2** The greenest solution on the market:  
**98% bio based material / 74% rapidly renewable / up to 40% recycled content.**

**3** **Unlimited possibilities** in terms of **creativity**, allowing unique and **differentiating designs.**

**4** Adapted to numerous types of buildings, from **education** to **healthcare**, from **public buildings** to **offices**, thanks to a complete portfolio of **compact, acoustic, sport** and **industrial solutions.**

# MARMORETTE



NCS: S 4502-R

0056 Foggy Blue



NCS: S 2502-R

0155 Smoked Pearl



NCS: S 4005-R80B

0055 Ash Grey



NCS: S 3000-N

0052 Flint Grey



0252  
Light Grey



NCS: S 5502-B

0050 Quartz Grey



NCS: S 4502-B

0053 Ice Grey



NCS: S 7502-B

0059 Plumb Grey



NCS: S 5500-N

0159 Alumino Grey



NCS: S 8000-N

0096 Midnight Grey



NCS: S 8000-N

0160 Industrial Grey



NCS: S 6502-Y

0158 Tabac Grey



NCS: S 8502-Y

0180 Carbon Grey



NCS: S 1510-Y20R

0145 Banana White



NCS: S 2010-Y10R

0045 Sand Beige



NCS: S 2020-Y30R

0098 Desert Beige



NCS: S 2040-Y10R

0076 Pale Yellow



NCS: S 2020-Y20R

0040 Light Sahara



NCS: S 3010-Y30R

0146 Beeswax Beige



NCS: S 2030-Y30R

0070 Rocky Brown



NCS: S 5010-Y70R

0003 Dark Brown



NCS: S 4030-Y30R

0140 Leather Brown



NCS: S 8010-Y30R

0108 Mokka Brown



# MARMORETTE



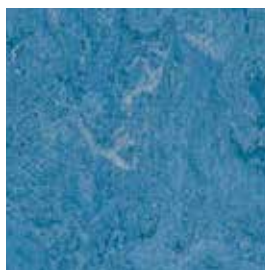
NCS: S 4020-R90B

0023 Dusty Blue



NCS: S 4040-R80B

0049 Royal Blue



NCS: S 4030-R90B

0026 Sky Blue



NCS: S 4020-B50G

0099 Grey Turquoise



NCS: S 5020-R90B

0022 Autumn Blue



NCS: S 5040-R80B

0148 Ink Blue



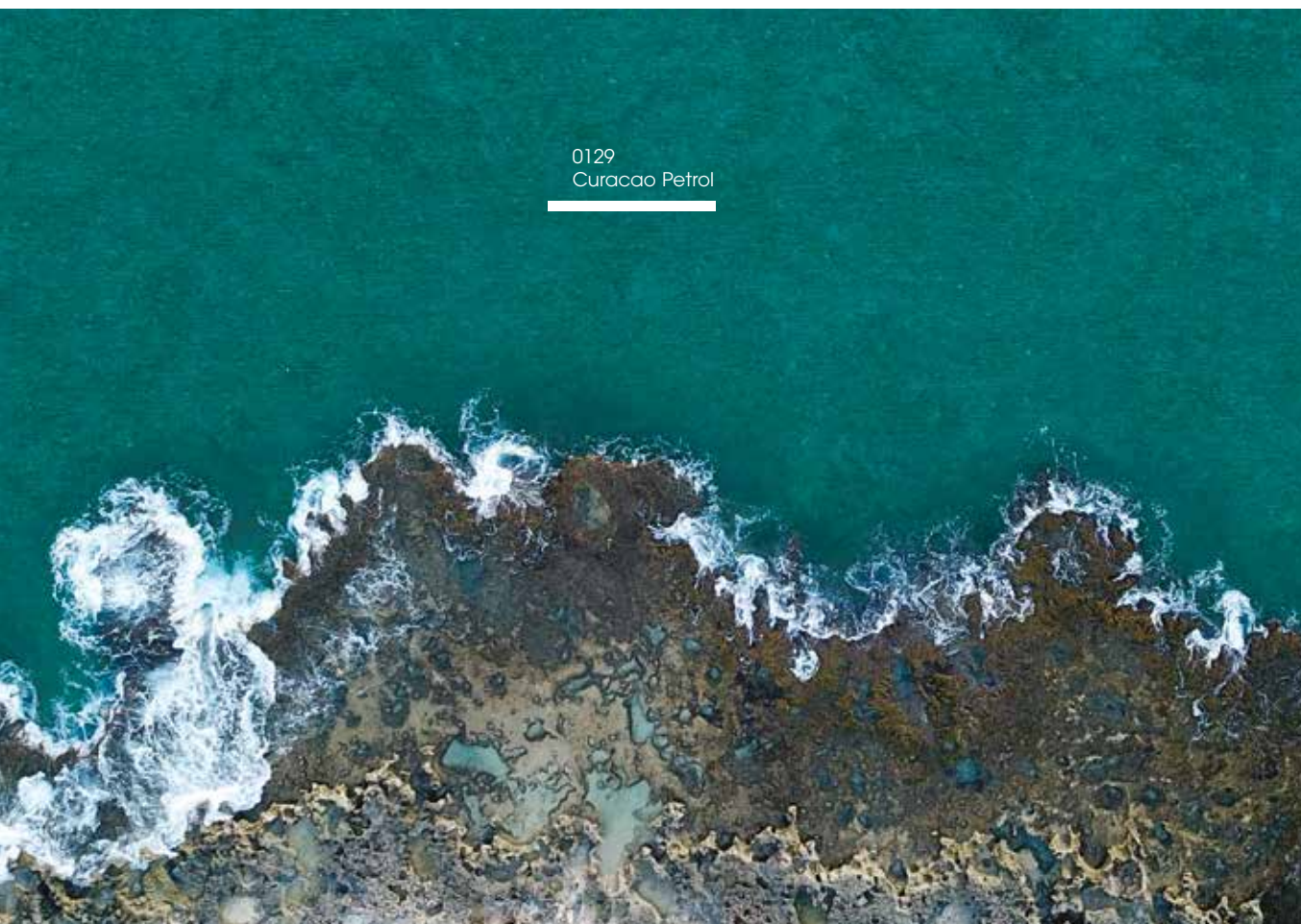
NCS: S 7020-R80B

0149 Dark Blue



NCS: S 4050-B40G

0129 Curacao Petrol



0129  
Curacao Petrol



NCS: S 2020-G50Y

0130 Antique Green



NCS: S 3020-G10Y

0020 Mild Green



NCS: S 3030-G30Y

0100 Frog Green



NCS: S 4020-G10Y

0043 Leaf Green



NCS: S 2060-G60Y

0132 Lime Green



NCS: S 6030-G30Y

0041 Avocado Green



0100  
Frog Green



# MARMORETTE



NCS: S 2050-Y30R

0173 Melon Orange



NCS: S 1050-Y20R

0072 Golden Yellow



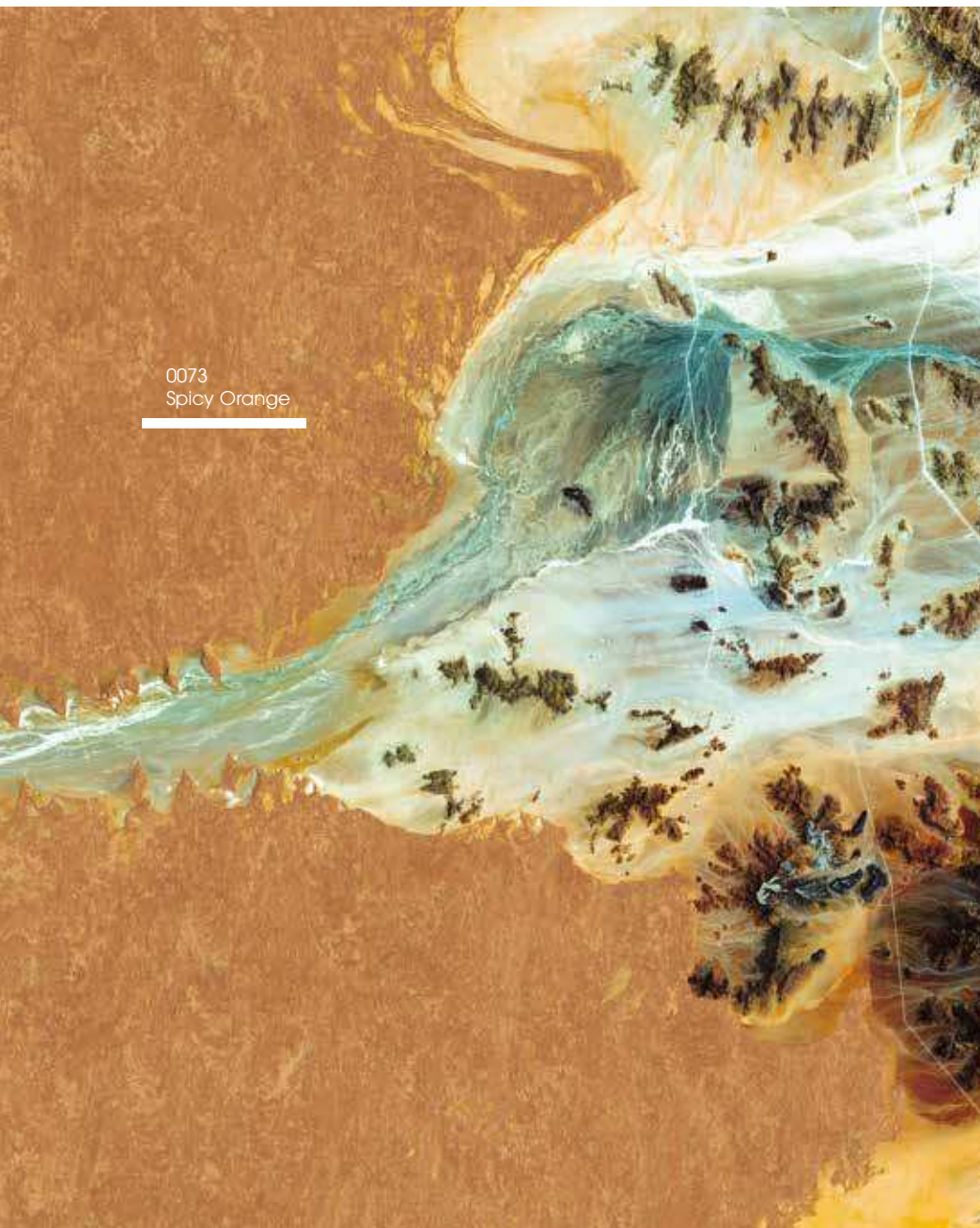
NCS: S 2050-Y50R

0174 Physalis Orange



NCS: S 3050-Y40R

0073 Spicy Orange



0073  
Spicy Orange



NCS: S 1080-Y20R

0172 Papaya Orange



NCS: S 2075-Y60R

0117 - Mandarin Orange



NCS: S 3040-Y90R

0008 Chestnut



NCS: S 2030-Y50R

0075 Light Aurora



NCS: S 4050-Y90R

0018 Lobster Red



NCS: S 3050-Y60R

0115 Rusty Orange



NCS: S 2060-Y90R

0048 Cranberry Red



NCS: S 2050-Y60R

0019 Sunset Orange



NCS: S 1580-Y80R

0118 Chili Red



NCS: S 3050-Y60R

0119 Terracotta



0018  
Lobster Red

# MAIN ARCHITECTURAL PROJECTS

## Education

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El Chaparral Albolote Day Care Center



Kindergarten Terenten



Kindergarten Weiach



University of Baltimore

## Public buildings

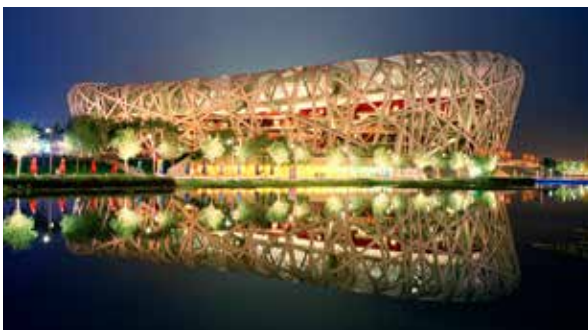
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New Opera Oslo



Library Stuttgart



National Stadium Pekin



Harpa Concert and Conference Centre Reykjavic

# Sport

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Campus Hall Michelstadt



Sports Hall Eggenfelden

# Healthcare

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University Hospital Frankfurt



Clinical Center for Pediatrics and Youth Medicine Heidelberg



Oral and Maxillofacial Medicine Greifswald



Olga Hospital Stuttgart

# MAIN ARCHITECTURAL PROJECTS

## Offices

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Head Office Solon SE Berlin



Court Room Roskilde



Headquarters Benetton Germany



Administration and Production Building Fiberline Middelfart

## Retail

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Watches and Jewellery Dalus



Cosmetics Shop Rosense

# DESIGNS TO SUIT EVERY PROJECTS



**Marmorette**  
0172 Papaya Orange



**Colorette**  
0052 Oxid Grey



**Uni Walton**  
0010 Pompeji Red



**Linodur**  
0056 Marble Grey



**Lino Art Urban**  
0555 Flashy Street Grey



**Lino Art Star**  
0030 Lime Green



**Lino Art Metallic**  
0080 Firmament Black



**Lino Art Nature**  
0064 Oak Brown

**To discover all designs in detail, please refer to the linoleum collection brochure.**

The images of floor coverings in this catalogue have been reproduced as faithfully as printing technology permits.

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