

wineo

THAT'S FLOORING



wineo 1200

PURLINE ORGANIC FLOORING

**BEST INGREDIENTS FOR
FAVOURITE PLACES**

THAT'S FLOORING

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**NATURALLY
HEALTHY LIVING**

Hello Martha
wineo 1200 wood XL | Elastic | PL076R
wineo 1200 wood XL | Semi-Rigid | PLC076R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP076R

A FAVOURITE PLACE

... offers more than just a welcoming appearance. **Family members** should feel completely at home here. Whether you're cooking, working, playing or sleeping. You can't put a price on life's favourite places when it comes to healthy living. It's where you can completely relax. In residential homes, cafés or indeed retirement homes – wineo 1200 allows you to create favourite places that keep you healthy in discerning houses and buildings.



**NATURALLY
SUSTAINABLE**

Let's go Max
wineo 1200 wood XL | Elastic | PL270R
wineo 1200 wood XL | Semi-Rigid | PLC270R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP270R

HEALTHY LIVING FROM THE GROUND UP

Modern airtight building methods combined with poor ventilation leads to harmful substances accumulating in the air. This can trigger allergies, asthma and other adverse health conditions. This is particularly true if the building products emit high levels of dust. Walls and floors are especially important here as they represent the majority of the room surfaces. This is why building specialists and health experts are focusing more on healthy living spaces.



80–90% of our lives we spend in enclosed spaces.



An adult takes 20,000 breaths every day, a child even more.



1/3 of all Europeans suffer with asthma or allergies.



Only 28% of all people have sufficient ventilation during winter.

**THESE ARE
THE FACTS**

BEST INGREDIENTS FOR SUSTAINABLE FLOORING

The new generation of wineo PURLINE organic flooring combines sustainability with performance and impressive designs.

This flooring helps keep the air free from harmful substances by excluding chlorine, plasticisers and solvents.

Our high-quality polyurethane floor covering is based on ecuran, a high-performance composite material, developed and manufactured by Windmöller. ecuran is manufactured primarily from plant-based oils such as canola oil or castor oil and naturally-occurring mineral components such as chalk. Every production stage is also stamped with the Made in Germany seal of approval.



SUSTAINABILITY

because that's what we believe in

- with the high-performance composite material ecuran
- usage of renewable raw materials and natural fillers
- easy to dispose
- carbon-neutral production in Germany
- Environmentally award-winning (see pages 38/39)
- completely odour-neutral and promotes wellbeing

HIGH-PERFORMANCE

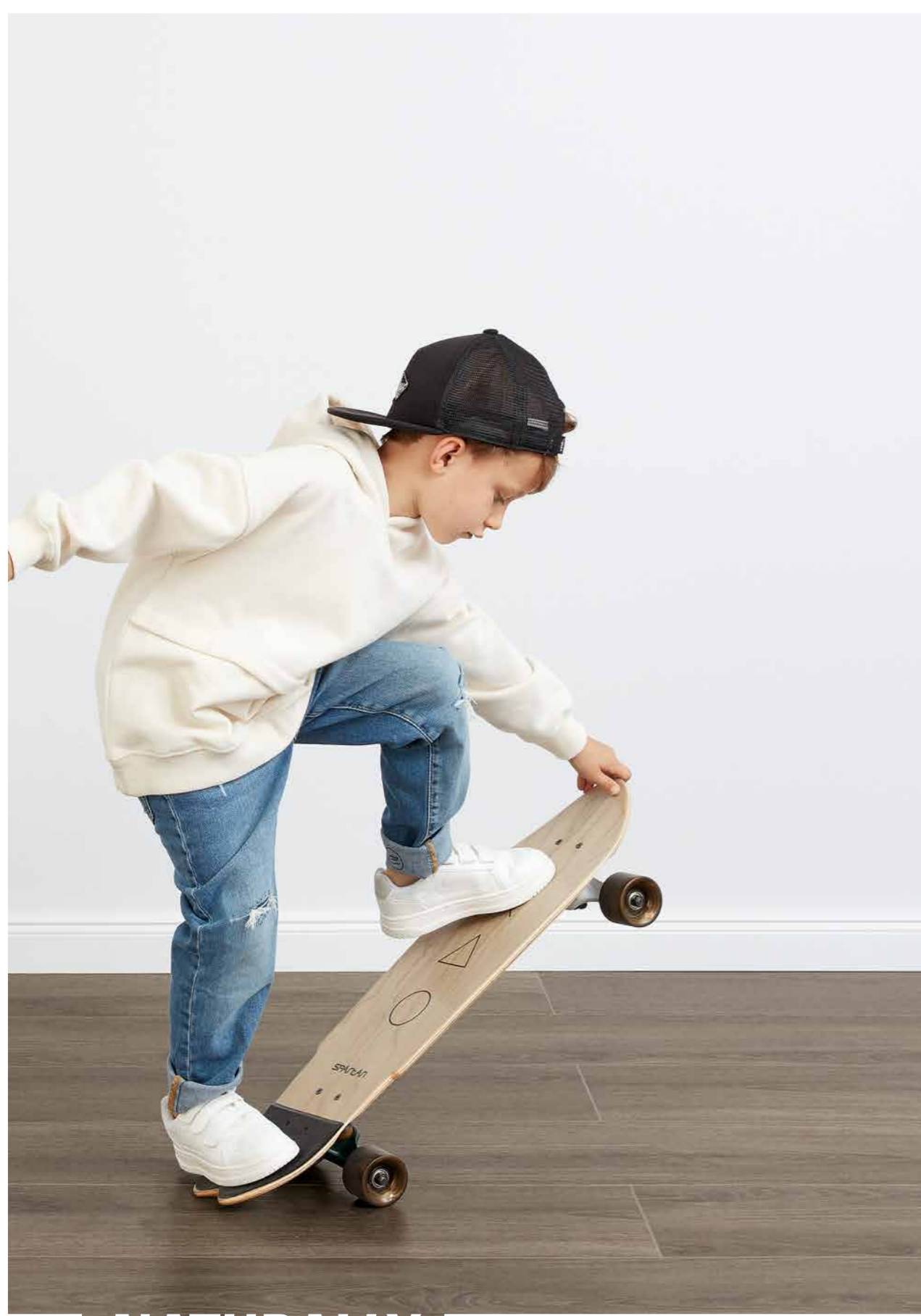
for everyday use

- tested resilience
- for domestic through to light industrial use
- low lifecycle costs
- UV-resistant and temperature-stable
- outstanding residual indentation performance

DESIGN DIVERSITY

because it catches the eye

- 140 decors across three collections
- 12 different formats
- for gluing and clicking in
- on the roll or as planks
- modern, colourful and creative designs
- authentic-looking surface
- all-round V4 joint (V4)



NATURALLY STRONG

Call me Tilda
wineo 1200 wood XL | Elastic | PL086R
wineo 1200 wood XL | Semi-Rigid | PLC086R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP086R



DURABLE

wineo organic flooring is **resistant to staining** and scores with high resilience.



EASY CARE

The polyurethane surface makes the organic flooring **easy to clean** and maintain.



UV-RESISTANT

Ready for summer: PURLINE organic flooring has a high light fastness and **an excellent UV resistance**.



NON-SLIP

The tested surface ensures **safety with every step**.



SUITABLE FOR DAMP AREAS

In the **kitchen or bathroom**: PURLINE organic flooring shows its best side in every situation.



SUITABLE FOR UNDERFLOOR HEATING

More comfort: Installed over underfloor heating, the organic flooring provides **additional cozy warmth**.



LOW-EMISSION

Take a deep breath: PURLINE organic flooring emits **no harmful substances** into the atmosphere.



ODOUR NEUTRAL

Please do not disturb: **no unpleasant odours**.



MINIMAL SMOKE

Even in case of fire: **Low smoke density**. **Escape routes** remain **more visible**.



QUIET

The soft surface ensures **pleasantly quiet acoustics**.



WARM TO THE FEET

The organic flooring feels pleasantly warm and is perfect for lounging, playing and living.

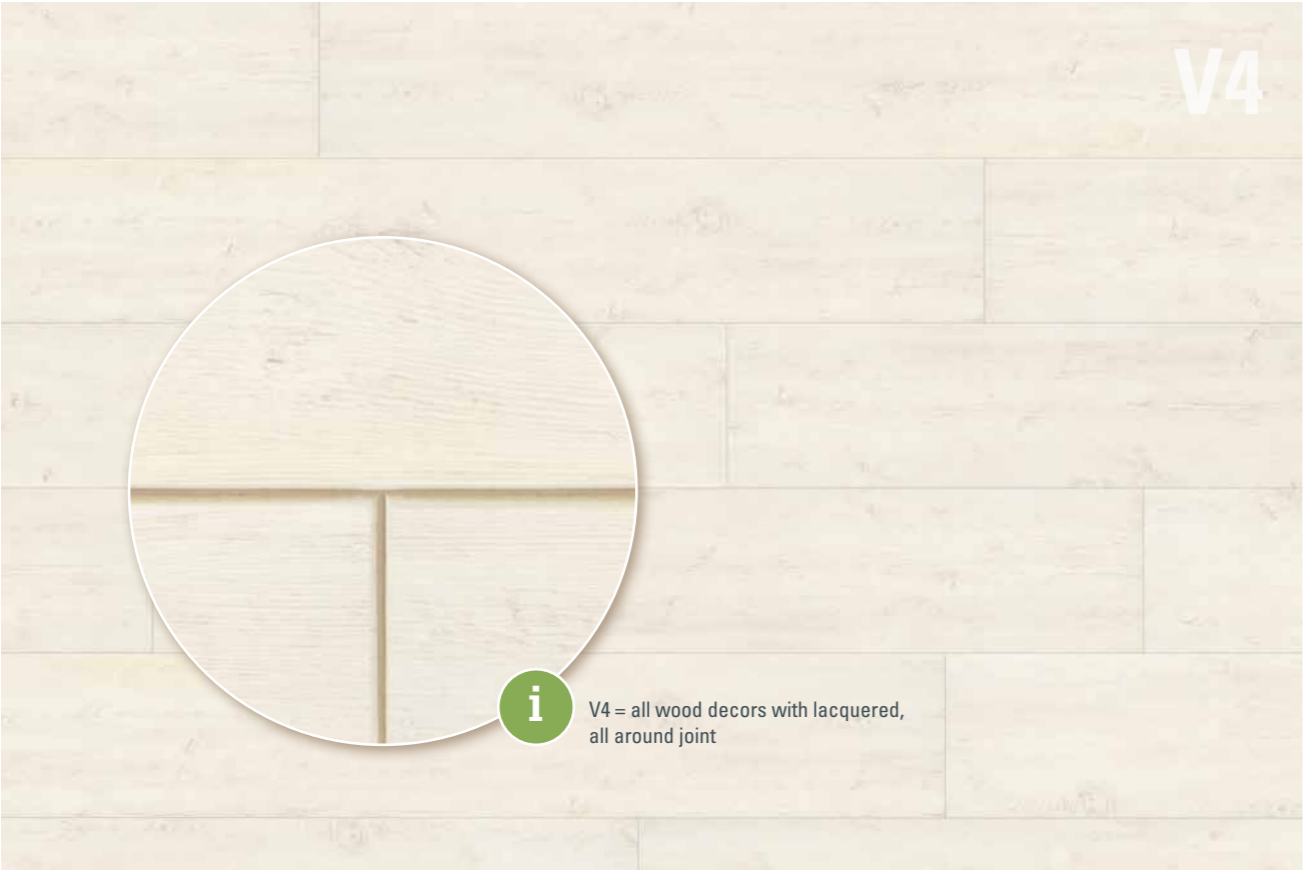


GENTLE ON THE ANKLES

Health-conscious: The elastic surface is gentle on the joints.

ORGANIC FLOORING WITH WOODEN PLANK LOOK

The secret is in the joint. It gives the room depth and the flooring an authentic wooden plank effect. All wineo 1200 wood decors have a lacquered, all around V4 joint.



wineo 1200
... has a range of different surfaces which make the stone and wooden decors extremely realistic.



Elegant wooden texture



Fine wooden texture



Soft texture



**NATURALLY
UNIQUE**

This is Theo
wineo 1200 stone XL | Elastic | PL115R
wineo 1200 stone XL | Semi-Rigid | PLC115R
wineo 1200 stone XL Multi-Layer | Rigid | MLP115R

PRODUCT COMPOSITION

ELASTIC ORGANIC FLOORING FOR GLUING



- 1 Top element**
PU-top layer with surface structure, decor paper & stabilisation
- 2 Base layer**
ecuran high-performance composite material
- 3 Backing**
Integrated FleeceTEC-System for easy and comfortable installation

i

Application area
Perfectly suited for new constructions and prepared subsurfaces.

Special product features

- low structural height of 2.2 mm
- elastic floor covering

Installation options: Gluing

- gluing to the existing subsurface
- gluing onto silentPLUS underlay mat
- reduces walking noise in the room

Type of installation: floating

- installation on self-adhesive silentPREMIUM CONTRACT underlay mat
- quick, easy and clean

Subfloor
The surface must be permanently dry, load-bearing, dust free and even (levelled out for gluing process).

Accessories/installation aids

- matching skirtings for all wineo decors (p36)
- silentPREMIUM CONTRACT and silentPLUS underlay mats (p36)
- dolphin knife for easy and clean cuts

SEMI-RIGID ORGANIC FLOORING FOR CLICKING IN



- 1 Top element**
PU-top layer with surface structure, decor paper & stabilisation
- 2 Profile connection**
Fold-down locking (wood)
LocTec locking (stone)
- 3 Base layer**
ecuran high-performance composite material
- 4 Backing**
Integrated FleeceTEC-System for easy and comfortable installation

i

Application area
Perfectly suited for new construction projects or for installation on existing floor coverings as per DIN 18202.

Special product features

- low structural height of 5 mm
- Telegraphing function:
Minor irregularities in the subfloor will not show up

Installation type: floating

- installation for clicking in
- quick, easy and tidy

Subfloor
The surface must be permanently dry, load-bearing, dust free and even.

Accessories/installation aids

- matching skirtings for all wineo decors (p36)
- silentRIGID underlay mat (p36)
- dolphin knife for easy and clean cuts

MULTI-LAYER | RIGID ORGANIC FLOORING FOR CLICKING IN



1 Top element

PU-top layer with surface structure, decor paper & stabilisation with ecuran

2 Profile connection

Fold-Down locking (wood)
LocTec locking (stone)

3 Core board

Swell-protected Aqua-Protect® HDF core board

4 Underlay

Integrated underlay soundPROTECT
for an impact sound reduction of up to 15dB

i

Application area

Perfectly suited for new constructions or installation on existing floor coverings according to DIN 18202.

Special product features

- Telegraphing: Minor irregularities in the subfloor will not show up
- Install-Ready: integrated underlay mat cuts refurbishment times and reduces walking and impact sounds by up to 15 dB

Installation type: floating

- installation for clicking in

Subfloor

The surface must be permanently dry, load-bearing, dust free and even.

Accessories/installation aids

- matching skirtings for all wineo decors (p36)
- PE vapour barrier for installing on mineral subsurfaces
- saw or laminate cutter

More information is available in our installation guides: see www.wineo.de



NATURALLY PROVEN

Hello Martha
wineo 1200 wood XL | Elastic | PL076R
wineo 1200 wood XL | Semi-Rigid | PLC076R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP076R



**NATURALLY
AUTHENTIC**

Cheer for Lisa
wineo 1200 wood XL | Elastic | PL097R
wineo 1200 wood XL | Semi-Rigid | PLC097R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP097R

wineo 1200 wood

CONTEMPORARY WOODEN DESIGNS – PURE CREATIVITY

wineo 1200 wood – eight wooden designs in contemporary XL and XXL formats. An elegant selection for unique designs. The lacquered, all round V4 joint emphasises the authentic wooden plank effect. It creates a cosy atmosphere and better place wherever it is used.

wood XL

Elastic

1500 × 250 × 2,2 mm



Semi-Rigid

1507 × 246 × 5 mm



wood XXL

Multi-Layer | Rigid

1845 × 237 × 9 mm



wineo 1200 wood

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1500 × 250 mm	1507 × 246 mm	1845 × 237 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	14/5,25 m²	6/2,22 m²	5/2,19 m²



Installed area Welcome Oskar | [PL269R](#) – [PLC269R](#) – [MLP269R](#) | lacquered, all-round joint (V4)



Welcome Oskar | [PL269R](#) – [PLC269R](#) – [MLP269R](#) | Fine wooden texture | lacquered, all-round joint (V4)



Installed area Cheer for Lisa | [PL097R](#) – [PLC097R](#) – [MLP097R](#) | lacquered, all-round joint (V4)



Cheer for Lisa | [PL097R](#) – [PLC097R](#) – [MLP097R](#) | Fine wooden texture | lacquered, all-round joint (V4)



Welcome Oskar
wineo 1200 wood XL | Elastic | [PL269R](#)
wineo 1200 wood XL | Semi-Rigid | [PLC269R](#)
wineo 1200 wood XXL Multi-Layer | Rigid | [MLP269R](#)

QUIET
SPACE

wineo 1200 wood

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1500 × 250 mm	1507 × 246 mm	1845 × 237 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	14/5,25 m²	6/2,22 m²	5/2,19 m²



Installed area Smile for Emma | [PL084R](#) – [PLC084R](#) – [MLP084R](#) | lacquered, all-round joint (V4)



Smile for Emma | [PL084R](#) – [PLC084R](#) – [MLP084R](#) | Fine wooden texture | lacquered, all-round joint (V4)



Installed area Call me Tilda | [PL086R](#) – [PLC086R](#) – [MLP086R](#) | lacquered, all-round joint (V4)



Call me Tilda | [PL086R](#) – [PLC086R](#) – [MLP086R](#) | Fine wooden texture | lacquered, all-round joint (V4)



Smile for Emma
wineo 1200 wood XL | Elastic | [PL084R](#)
wineo 1200 wood XL | Semi-Rigid | [PLC084R](#)
wineo 1200 wood XXL Multi-Layer | Rigid | [MLP084R](#)

FAMILY
AREA

wineo 1200 wood

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1500 × 250 mm	1507 × 246 mm	1845 × 237 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	14/5,25 m²	6/2,22 m²	5/2,19 m²



Installed area Announcing Fritz | [PL271R](#) – [PLC271R](#) – [MLP271R](#) | lacquered, all-round joint (V4)



Announcing Fritz | [PL271R](#) – [PLC271R](#) – [MLP271R](#) | Elegant wooden texture | lacquered, all-round joint (V4)



Installed area Let's go Max | [PL270R](#) – [PLC270R](#) – [MLP270R](#) | lacquered, all-round joint (V4)



Let's go Max | [PL270R](#) – [PLC270R](#) – [MLP270R](#) | Elegant wooden texture | lacquered, all-round joint (V4)



Announcing Fritz
wineo 1200 wood XL | Elastic | [PL271R](#)
wineo 1200 wood XL | Semi-Rigid | [PLC271R](#)
wineo 1200 wood XXL Multi-Layer | Rigid | [MLP271R](#)

KITCHEN
OASIS

wineo 1200 wood

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1500 × 250 mm	1507 × 246 mm	1845 × 237 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	14/5,25 m²	6/2,22 m²	5/2,19 m²



Installed area Hello Martha | [PL076R](#) – [PLC076R](#) – [MLP076R](#) | lacquered, all-round joint (V4)



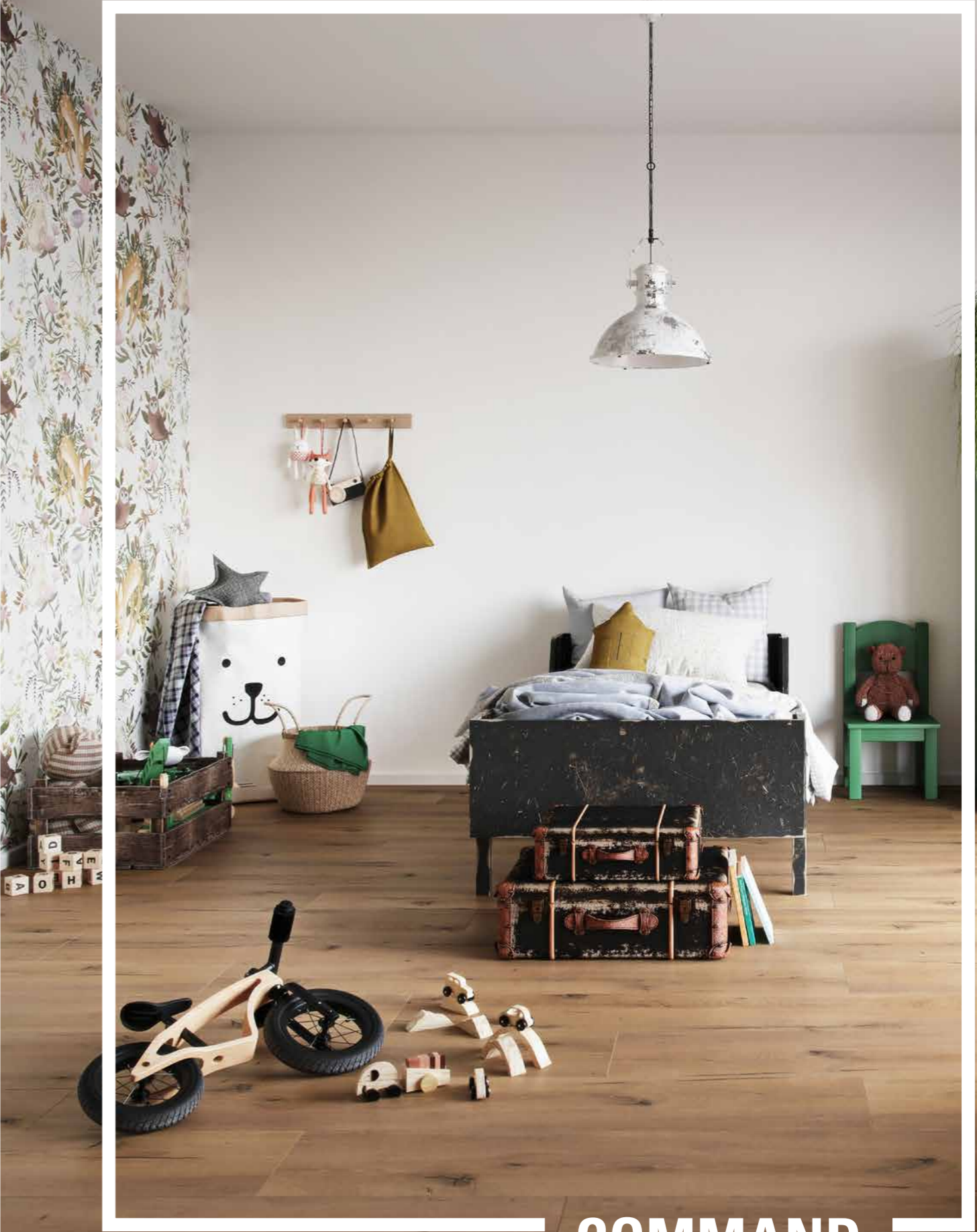
Hello Martha | [PL076R](#) – [PLC076R](#) – [MLP076R](#) | Elegant wooden texture | lacquered, all-round joint (V4)



Installed area Say hi to Klara | [PL272R](#) – [PLC272R](#) – [MLP272R](#) | lacquered, all-round joint (V4)



Say hi to Klara | [PL272R](#) – [PLC272R](#) – [MLP272R](#) | Elegant wooden texture | lacquered, all-round joint (V4)



Say hi to Klara
wineo 1200 wood XL | Elastic | [PL272R](#)
wineo 1200 wood XL | Semi-Rigid | [PLC272R](#)
wineo 1200 wood XXL Multi-Layer | Rigid | [MLP272R](#)

COMMAND
CENTRE



**NATURALLY
BEAUTIFUL**

Presenting Karl
wineo 1200 stone XL | Elastic | PL118R
wineo 1200 stone XL | Semi-Rigid | PLC118R
wineo 1200 stone XL Multi-Layer | Rigid | MLP118R

wineo 1200 stone

STUNNING STONE DESIGNS FOR MAXIMUM IMPACT

wineo 1200 stone – four stone designs in contemporary XL tile format. When every day brings something different, format flooring is the answer.

stone XL

Elastic



1000 × 500 × 2,2 mm

Semi-Rigid



1000 × 500 × 5 mm

Multi-Layer | Rigid



913 × 488 × 9 mm

wineo 1200 stone

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1000 × 500 mm	1000 × 500 mm	913 × 488 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	12/6,00 m²	6/3,00 m²	5/2,23 m²



This is Theo | PL115R – PLC115R – MLP115R | Soft texture



Introducing Otto | PL116R – PLC116R – MLP116R | Soft texture

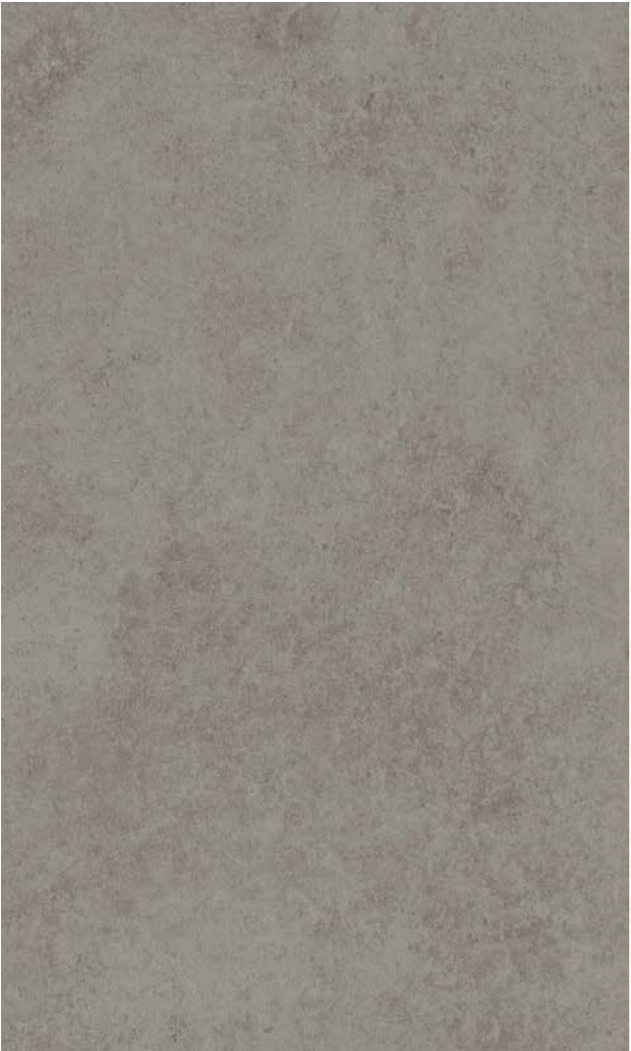


CREATIVE
WORKSHOP

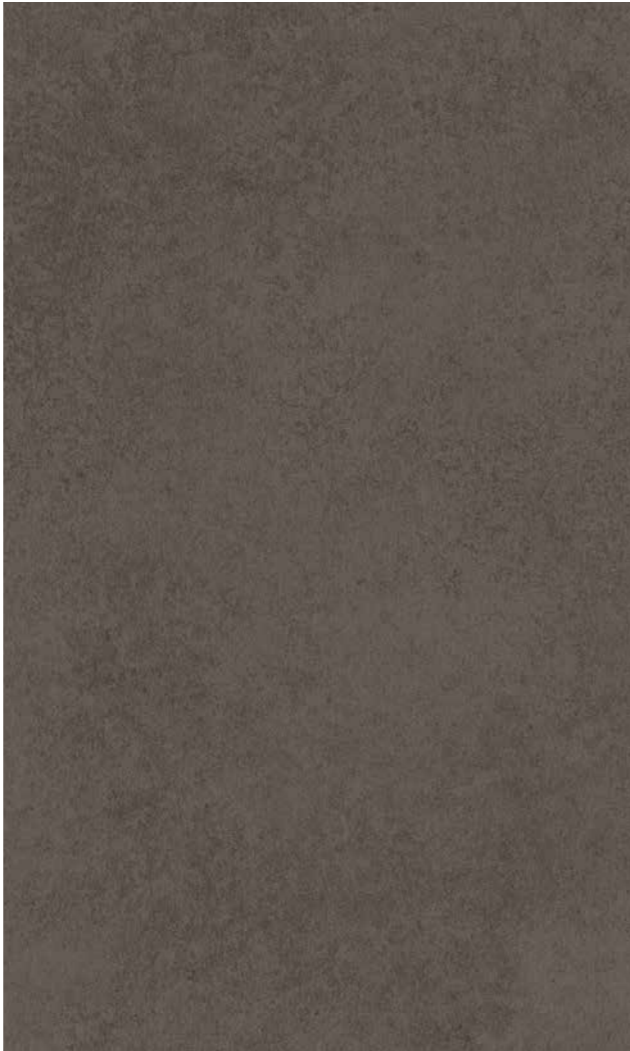
Introducing Otto
wineo 1200 stone XL | Elastic | PL116R
wineo 1200 stone XL | Semi-Rigid | PLC116R
wineo 1200 stone XL Multi-Layer | Rigid | MLP116R

wineo 1200 stone

Installation type:	Glue Elastic	Click Semi-Rigid	Click Multi-Layer Rigid
Format:	1000 × 500 mm	1000 × 500 mm	913 × 488 mm
Product thickness:	2,2 mm	5 mm	9 mm
Planks / Box:	12/6,00 m²	6/3,00 m²	5/2,23 m²



Please meet Paula | PL117R – PLC117R – MLP117R | Soft texture



Presenting Karl | PL118R – PLC118R – MLP118R | Soft texture



Please meet Paula
wineo 1200 stone XL | Elastic | PL117R
wineo 1200 stone XL | Semi-Rigid | PLC117R
wineo 1200 stone XL Multi-Layer | Rigid | MLP117R

CHILL-OUT
AREA

BEST INGREDIENTS FOR EVERY APPLICATION AREA

The perfect features for every application area. Be it high standards of hygiene, resilience or design required, wineo 1200 is always a perfect fit thanks to its many special benefits in all areas of application.

RECOMMENDED FOR
HOME + LIVING

RECOMMENDED FOR
HOTEL + HOSPITALITY

RECOMMENDED FOR
RETAIL + FAIR

RECOMMENDED FOR
HEALTH + CARE

RECOMMENDED FOR
PUBLIC + EDUCATION



Detailed information on flooring solutions is available here:



**SOMEWHERE
ELSE**

This is Theo
wineo 1200 stone XL | Elastic | PL115R
wineo 1200 stone XL | Semi-Rigid | PLC115R
wineo 1200 stone XL Multi-Layer | Rigid | MLP115R

Call me Tilda
wineo 1200 wood XL | Elastic | PL086R
wineo 1200 wood XL | Semi-Rigid | PLC086R
wineo 1200 wood XXL Multi-Layer | Rigid | MLP086R

PERFECT FIT ACCESSORIES

UNDERLAY MATERIAL

We recommend using our polyurethane underlay material with wineo 1200. The basis is provided by ecuran, a high-performance composite material that is manufactured primarily from plant-based oils such as canola oil or castor oil and naturally-occurring mineral components such as chalk.

- fast, energy-efficient distribution of ground heat
- excellent noise reduction with hard and soft floor coverings
- long-life performance of at least 30 years
- outstanding residual indentation behaviour
- sustainable raw materials
- without chlorine, plasticisers or solvents



Detailed information can be found in our accessories brochure Art.-no. 20091021.

Download now:



If a wineo PERFECT FIT PU underlay is used with a compatible wineo flooring product, the wineo warranty is extended by 5 years.

SKIRTINGS

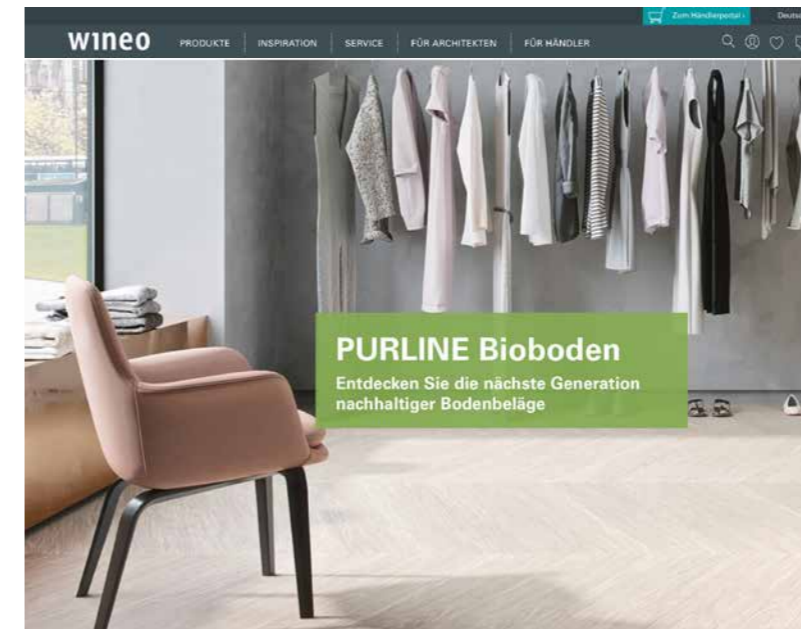
- decor matching MDF skirtings for all wineo floor coverings and universally usable skirtings MDF as well as plastic/aluminium
- installation heights from 60mm to 100mm
- plastic mounting clips included in the range of accessories; alternatively glue or tack
- self-adhesive corner elements for easy installation



PROFILES

- Comfort Profiles (self-adhesive profiles) for DIYers
- Premium Profiles (screwable profiles) for professionals
- profile types for different applications: Transition-, Adjustment and End profiles, L-End profiles, expansion joint profile, Angle profiles and stair nosing profiles

SERVICE



WINEO WEBSITE

Much more interesting and helpful information is available on our website

www.wineo.de:

- dealer portal with direct ordering option
- our top reference projects
- tender specifications
- technical data sheets
- cleaning and installation instructions
- find a dealer
- video portal with lots of tips
- newsletter registration

en.wineo.de
???

SOCIAL MEDIA

Inspiration and product-specific knowledge in exciting short articles – you can discover under:

- Instagram
- facebook
- YouTube
- Pinterest
- LinkedIn

WINEO FLOOR VIEWER










Any wineo floor can be simulated in your own home in an instant with our wineo Floor Viewer. The ideal way to choose the perfect flooring for you.


Test the wineo Floor Viewer now at

floorviewer.wineo.de

englischer Link
???







GUARANTEED HEALTHY LIVING


Environmental certifications		
	<p>cradle to cradle®</p> <p>The cradle to cradle® certification confirms the utilisation of environmentally safe, healthy and reusable materials (technical reutilisation) and the use of solar power or other regenerative sources of energy, together with responsible water stewardship and strategies adopted by a company to embrace its responsibility to society.</p>	✓
 <div>www.blauer-engel.de/uz120 www.blauer-engel.de/uz156 www.blauer-engel.de/uz176</div>	<p>Blue Angel (Blauer Engel)</p> <p>The “Blue Angel” guarantees that our products and services fulfil high requirements placed on environmental, health and usage properties. Criteria are compiled for each product group, which are checked every three to four years by the Federal Environment Agency.</p>	✓
	<p>Austrian eco-label (Österreichisches Umweltzeichen)</p> <p>The “Österreichisches Umweltzeichen” (Austrian eco-label) assesses products from quality, health-related and ecological standpoints. Basically, products can only be certified if they are harmless health-wise. The fulfilment of the criteria is checked every four years.</p>	✓
	<p>Greenguard</p> <p>DThe Greenguard certificate ensures that a product fullfils the strictest and most comprehensive requirements for emissions of Volatile Organic Compounds (VOCs) into the air.</p>	✓
	<p>Declare</p> <p>Voluntary self-disclosure programme aimed at transforming the building materials industry into a healthier and more environmentally friendly product through transparency of ingredients used. By participating in Declare, manufacturers are obligated to disclose all ingredients.</p>	✓
	<p>M1</p> <p>Just like the “Blue Angel” quality mark in Germany, the M1 seal in the Finnish market labels our products as environmentally friendly, health-friendly and consumer-friendly. The focus is on emissions of Volatile Organic Compounds (VOCs).</p>	✓
	<p>A+</p> <p>Just like the “Blue Angel” in Germany, the A+ seal identifies our products as ecological, healthy and user-friendly in the French market.</p>	✓
	<p>TFI-TÜV PROFICERT PREMIUM for Multi-Layer</p> <p>The TFI (Textiles & Flooring Institute GmbH) and the TÜV Hessen evaluate products based on qualitative, health and ecological principals. Fundamentally, only products that are considered harmless to health can be certified.</p>	✓
	<p>KfB</p> <p>Award from the competence centre for dynamic processes at Bielefeld University of Applied Sciences (FH). The flooring product Purline has passed the dynamic standard examination of rolling behaviour in accordance with the KfB roadmap.</p>	✓


Environmental certifications		
	<p>eco-bau Switzerland (eco-bau Schweiz)</p> <p>Eco-Bau assesses the ecological aspects of building materials and services. It encompasses all of the significant environmental effects during the entire lifespan of the materials. The assessment is made on the basis of the following criteria: conservation of natural resources, energy for producing materials, solvent emissions, presence of environmentally and health-damaging components, emission of heavy metals and other damaging substances.</p>	✓
	<p>FloorScore®</p> <p>With SCS Global Services' FloorScore ® certificate program manufacturers of floor coverings can assess the conformity of their products with the emission requirements in the U.S. but also worldwide utilized building evaluation systems, such as LEED clearly.</p>	✓
Building certification / Product declaration		
	<p>BREEAM</p> <p>The British sustainability certificate for development projects is used in 15 other countries.</p>	✓
	<p>DGNB</p> <p>Certification system of the German Sustainable Building Council and the Federal Ministry of Transport, Building and Urban Affairs. Evaluates a building's quality over its entire life cycle and is internationally applicable.</p>	✓
	<p>LEED</p> <p>Rating system of the US Green Building Council. It considers the regional and local criteria according to global standards. The use of building materials with cradle to cradle proof is evaluated with bonus points.</p>	✓
	<p>WELL</p> <p>The WELL Building Standard (WELL) focuses on health and well-being of the people within in the building.</p>	✓
	<p>EPD</p> <p>The environmental product declarations is a transparency tool for the sustainability valuation of products. It is the basis for sustainability calculations for buildings.</p>	✓
Information platforms		
	<p>Sentinel Haus Institut</p> <p>The Sentinel Haus Institut is a leading engineering service provider and knowledge leader for more healthy building, refurbishment and renovation.</p>	✓
	<p>Heinze</p> <p>Germany's leading information platform for building products, company profiles and architectural projects.</p>	✓

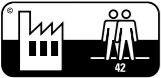
SUSTAINABLE FOR NATURE.
WELLBEING FOR PEOPLE.

NATURALLY HIGH-PERFORMANCE

wineo 1200	wood XL Elastic	wood XL Semi-Rigid	wood XXL Multi-Layer Rigid	stone XL Elastic	stone XL Semi-Rigid	stone XL Multi-Layer Rigid
						
Installation type	to glue	to click	to click	to glue	to click	to click
Locking	-	Fold-Down	Fold-Down	-	LocTec	LocTec
Utilization classes	23/33/42	23/33	23/33	23/33/42	23/33	23/33
Format	1500 × 250 mm	1507 × 246 mm	1845 × 237 mm	1000 × 500 mm	1000 × 500 mm	913 × 488 mm
Product thickness	2,2 mm	5 mm	9 mm	2,2 mm	5 mm	9 mm
Content/ box	14/ 5,25 m²	6/ 2,22 m²	5/ 2,19 m²	12/ 6,00 m²	6/ 3,00 m²	5/ 2,23 m²
Boxes/ pallet	56/ 294,00 m²	48/ 106,56 m²	48/ 105,12 m²	50/ 300,00 m²	36/ 108,00 m²	34/ 75,82 m²
Weight	~ 3,00 kg / m²	~ 9,00 kg / m²	~ 9,10 kg / m²	~ 3,00 kg / m²	~ 9,00 kg / m²	~ 8,90 kg / m²
Staining/ chemical resistance EN ISO 26987	very good resistance with regards to concentration and exposure time					
Reaction to fire EN 13501-1	C _{fl} - s1					
Anti slip category DIN 51130	R9					
Light fastness EN ISO 105-B02	~ 7					
Residual indentation EN ISO 24343-1	≤ 0,10 mm					
Dimensional stability EN ISO 23999	≤ 0,15 %	≤ 0,15 %	-	≤ 0,15 %	≤ 0,15 %	-
Underfloor heating	Suitable for all conventional hot water underfloor heating and electrical systems regulated up to a surface temperature of 27 °C.					
Thermal resistance ISO 8302	~ 0,01 (m²K)/W	~ 0,01 (m²K)/W	~ 0,06 (m²K)/W	~ 0,01 (m²K)/W	~ 0,01 (m²K)/W	~ 0,06 (m²K)/W
Castor chair test EN ISO 4918 EN 425	25000 revolutions – no damage with rolls type W					
Impact sound reduction EN ISO 10140	~ 4 dB	~ 4 dB	~ 15 dB	~ 4 dB	~ 4 dB	~ 15 dB
Effect of a furniture leg EN 424	Foot Type 2 – no damage		-	Foot Type 2 – no damage		-
Anti-static properties EN 1815	≤ 2 kV					
Gurantee for private use according to Windmoeller guarantee conditions	30 years					
Guarantee extension when installed on PU underlays	+5 years	+5 years	already integrated	+5 years	+5 years	already integrated

- 

Utilisation class 23:
Domestic area with
intensive usage
- 

Utilisation class 33:
Commercial sector
with heavy usage
- 

Utilisation class 42:
Light industry sector
with regular usage

MADE IN GERMANY





THE BEST QUALITY FOR OVER 70 YEARS

For us, outstanding quality means more than an excellent product. As a family business in its 3rd generation we carry a high level of social and ecological responsibility. That's why we always provide you with the greatest possible level of transparency. And therefore even more safety.

- many quality controls from the initial mixing of the ingredients to the completion stage
- traceability of the exact time of production via a reverse-side overprint
- outstanding attributes regarding durability, maintenance and safety

MADE IN GERMANY

Windmüller GmbH

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