

# iD Revolution

NON-PVC MODULAR RESILIENT TILES

The  
revolution  
starts under  
your feet

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## THE FIRST CRADLE TO CRADLE GOLD CERTIFIED MODULAR RESILIENT FLOORING MADE WITH NON-PVC MATERIALS

iD Revolution is a **major innovation** in modular resilient flooring. Using innovative **recycled and abundant raw materials** in its conception, iD Revolution is the result of Tarkett's proven expertise in materials and experience of developing sustainable, innovative solutions. iD Revolution was developed to respond to our customers' non-PVC requirements.

iD Revolution is the first **Cradle to Cradle Gold** certified modular resilient flooring made with recycled materials. It is highly respectful of the environment and comprised of **more than 80% innovative recycled and recyclable raw materials**, including minerals, and both bio-based and recycled plastics.

iD Revolution offers the **optimum combination of performance, design, durability and sustainability.**

### C2C GOLD CERTIFICATION



**100%** of iD Revolution's material have been independently evaluated and confirmed as safe for users, producers and environment.

### UNIQUE COMPOSITION



**83%** recycled or bio-based materials, including bio-plastics, recycled PVB and abundant minerals.

### PERFORMANCE



**10** years' warranty. iD Revolution is as resistant and high-performing as Tarkett's other modular resilient floorings.

### DESIGN



**12** wood or stone-inspired designs

# WHAT IS C2C GOLD CERTIFICATION?



In the circular economy, there is no waste, only nutrients. The Cradle to Cradle design philosophy requires designers and manufacturers to create products that are regenerative by design and produced in ways that respect the environment. C2C-certified products are designed from the outset to be reusable, or recyclable with zero waste.

Continuous progress is required across all five C2C categories: material health, material reutilisation, renewable energy, water stewardship and social fairness. Tarkett has achieved C2C's Gold certification for iD Revolution, with Platinum level for material health.

## MATERIAL HEALTH

**100% of the materials used in iD Revolution** have been independently evaluated and confirmed as safe for users, producers and the environment. It has therefore achieved **C2C Platinum level for material health**, the highest level of certification.



## MATERIAL REUTILISATION

iD Revolution contains **83% rapidly** renewable and recycled minerals and abundant minerals, helping to conserve natural resources. It is **100% recyclable\***.



## SOCIAL FAIRNESS

We seek to **respect and protect everyone** who contributes to making this product.



## WATER STEWARDSHIP

Water use is evaluated throughout the supply chain, and **99% of the water** used in the production process is recycled in closed loop.



## RENEWABLE ENERGY

**50% of electricity need** are met by renewable sources, while the entire manufacturing process is optimised to save energy. The other 50% is offset and comes from carbon credits obtained through the support of a biodiversity project in the Peruvian Amazon.



\*To ensure 100% recyclability, we advise using a tackifier and following the installation instructions.

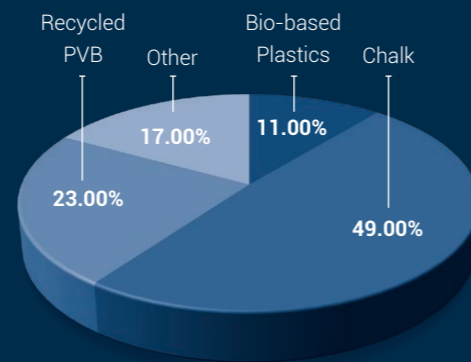
# DESIGNING FOR LIFE



iD Revolution was developed in line with Cradle to Cradle principles, achieving Cradle to Cradle Platinum level for material health. It is 100% free of phthalates, PVC and solvents.

## MADE WITH RENEWABLE & RECYCLED RESOURCES

More than **80% of the materials used to make iD Revolution** are either recycled or bio sourced, helping to conserve natural resources. This includes **24% recycled PVB** derived from end-of-life vehicle windscreens or safety glass from buildings, **11% bio plastic (PLA)** and **49% chalk**, a mineral found in abundance in nature.



## OPTIMAL INDOOR AIR QUALITY

People spend 90% of their time indoors. Tarkett strives to enhance quality of life by creating people-friendly spaces.

iD Revolution contributes to optimal indoor air quality in buildings due to an ultra-low level of volatile organic compounds (VOCs) emissions in the indoor environment.

**The level of total volatile organic compounds (TVOC), yielding a measurement of <math><10 \mu\text{g} / \text{m}^3</math> after 28 days, is much lower than the existing regulations and standards.**



# DRIVING COLLABORATION



We are collaborating with all our stakeholders to accelerate the transition to the circular economy and help achieve the UN's Sustainable Development Goals, such as: good health and wellbeing, responsible consumption and production, climate action, life on land and partnerships for the goals.

## UPCYCLING OTHER INDUSTRIES MATERIAL

In developing iD Revolution, **Tarkett partnered with an SME from the recycling industry to source recycled PVB**, a resin used to help prevent windscreens from shattering.

**The PVB is recovered from end-of-life vehicles or safety glass from buildings**, then integrated into the product formula.



ENGLISH OAK  
LINEN  
24756 001



CONTEMPORARY OAK  
DUNE  
24759 008

COMPOSITE  
LUNAR GREY  
24765 010

# CLOSING THE LOOP



Tarkett is offering an environmentally-friendly product that is made with recycled raw materials and can be 100% recycled.

## RECYCLING MATERIALS VIA RESTART

Between 2010 and 2017, Tarkett collected 99.000 tonnes of flooring (including vinyl, linoleum and carpet).

In 2017, we used 160.000 tonnes of recycled materials as raw materials. This represents 12% of our raw material spend.

With iD Revolution, we aim to go one step further.

**iD Revolution can be recaptured at end-of-life through Tarkett's ReStart take-back programme, ready to be transformed into raw materials for new products.\***



## REDUCING USAGE OF WATER AND ELECTRICITY

Both the product and the manufacturing process respect the environment. **99% of the water** used during production is recycled and **50% of electricity needs** are met by renewable sources.

And by **2019, 100% of iD Revolution's factory** electricity needs will be met by renewable sources.

At a broader level, the production site is part of an industrial park applying Cradle to Cradle principles and circular economy for resource, service, energy and waste management.

Today, **67% of our production sites** are equipped with closed-loop water circuits. **By 2020**, Tarkett aims to reach **100%**.



*\*Please get in touch with your local representative to enlist to join the ReStart programme and recycle your post-installation or post-use iD Revolution product.*



CONTEMPORARY OAK  
DUNE  
24759 008

COMPOSITE  
LUNAR GREY  
24765 010

# MADE TO LAST



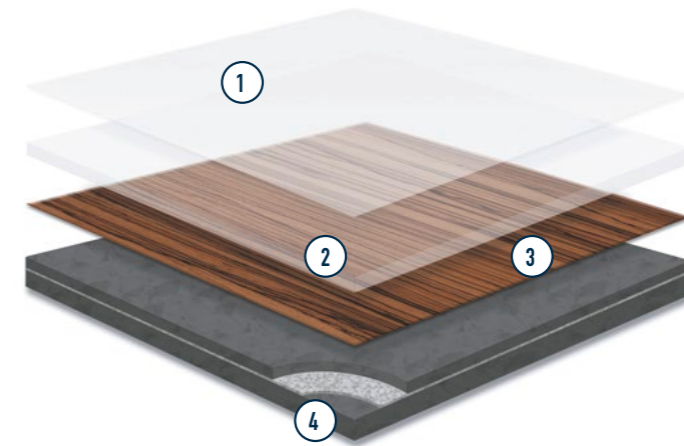
## RESISTANT AND PERFORMING

iD Revolution makes no compromise on resistance and durability. Indeed, this modular flooring, which uses natural fillers, recycled and bio-based materials, offers the same quality as Tarkett's other modular resilient flooring collections.



## STAIN-PROOF: RESISTS STAINS, EASY TO CLEAN

Treated with our TopClean XP™ surface protection, it allows for easy maintenance and extra resistance to scuffs, scratches and stains.



①

**TopClean XP™ PUR reinforcement**  
for excellent resistance to abrasion, scuffs and scratches plus easy, low-cost maintenance

②

**0.55mm pure PVB transparent wear layer**  
for an exceptionally hard-wearing and indentation-resistant surface

③

**12 designs in high-definition print**  
for a higher-quality, more natural look

④

**Unique structure strengthened with non-woven glass fibre**  
for class-leading dimensional stability with superior performance against indentation and tearing

# MAKE YOUR SPACES C2C-FRIENDLY WITH THE iD REVOLUTION COLLECTION

## English Oak

A timeless and balanced oak, made to fit any interior.



**English Oak - Charcoal**  
12.5 x 122 cm 24756 300  
20 x 122 cm 24759 300  
25 x 122 cm 24762 300

**English Oak - Linen**  
12.5 x 122 cm 24756 301  
20 x 122 cm 24759 301  
25 x 122 cm 24762 301

**English Oak - Almond**  
12.5 x 122 cm 24756 302  
20 x 122 cm 24759 302  
25 x 122 cm 24762 302

## Pallet Pine

A timeless pine design, available in two subtle shades.

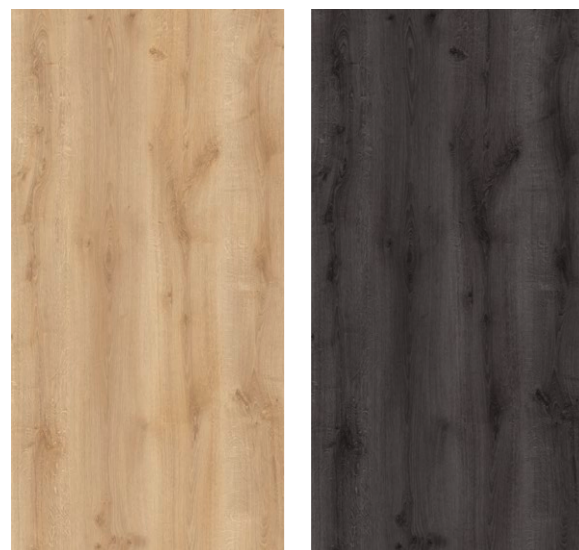


**Pallet Pine - Espresso**  
12.5 x 122 cm 24756 305  
20 x 122 cm 24759 305  
25 x 122 cm 24762 305

**Pallet Pine - Cotton**  
12.5 x 122 cm 24756 306  
20 x 122 cm 24759 306  
25 x 122 cm 24762 306

## Rustic Oak

A vibrant oak, with strong knots and cracks.

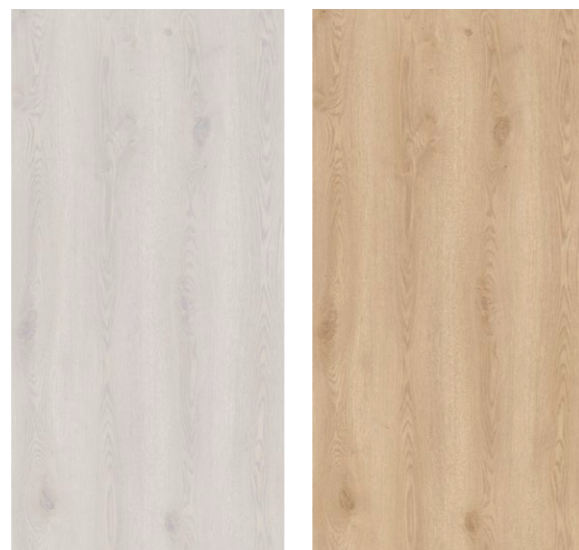


**Rustic Oak - Blonde**  
12.5 x 122 cm 24756 303  
20 x 122 cm 24759 303  
25 x 122 cm 24762 303

**Rustic Oak - Basalt**  
12.5 x 122 cm 24756 304  
20 x 122 cm 24759 304  
25 x 122 cm 24762 304

## Contemporary Oak

A smooth and subtle oak, with very few natural wood marks.



**Contemporary Oak - Ivory**  
12.5 x 122 cm 24756 307  
20 x 122 cm 24759 307  
25 x 122 cm 24762 307

**Contemporary Oak - Dune**  
12.5 x 122 cm 24756 308  
20 x 122 cm 24759 308  
25 x 122 cm 24762 308

## Composite

A dynamic and rough concrete, designed to create a compelling all-over look and feel.



**Composite - Stone Grey**  
25 x 50 cm 24765 309  
50 x 50 cm 24768 309  
50 x 100 cm 24771 309

**Composite - Lunar Grey**  
25 x 50 cm 24765 310  
50 x 50 cm 24768 310  
50 x 100 cm 24771 310

**Composite - Anthracite**  
25 x 50 cm 24765 311  
50 x 50 cm 24768 311  
50 x 100 cm 24771 311

# SPECIFICATION DATA

## iD Revolution

iD Revolution belongs to the non-PVC modular resilient flooring category manufactured with phthalate-free technology\* based on alternative plasticisers and with a calandered backing layer made of recycled, non-PVC resilient flooring.

It is C2C Gold-certified and contains over 80% recycled or bio-sourced materials, including minerals that do not contribute to resource scarcity.

It is available in three formats and shapes: planks of 12.5 x 122 cm, 20 x 122 cm or 25 x 122 cm; and tiles of 25 x 50 cm, 50 x 50 cm or 50 x 100 cm.

The wear layer of 0.55mm is reinforced with UV photo crosslinked polyurethane, which includes particles of alumina TopClean XP™ treatment. This permanently suppresses any wax and regenerating polish spray maintenance operations. It has a static indentation resistance of  $\leq 0,05\text{mm}$ .

Its emission rate of volatile organic compounds in air is less than  $10 \mu\text{g} / \text{m}^3$  (COVT after 28 days).

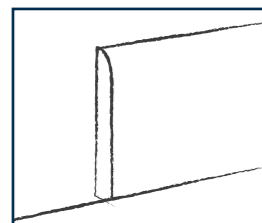
It is 100% phthalate-free and 100% recyclable. Additionally, installation off-cuts can be collected and recycled through the Tarkett ReStart® programme.

iD Revolution comes with a 10-year warranty.

# ACCESSORIES

## SKIRTING

### HDF decorative skirting



HDF compact skirting; this can be painted

□ White and large 423 000 00  
58 x 2400mm  
📦 2.02 lm skirting in packs x 10

# TECHNICAL DATA

Certification & classification	Standards	iD Revolution
Type of floor covering	EN ISO 19322	Resilient floor covering based upon synthetic thermoplastic polymers
Classification	EN ISO 10874	Domestic: 23 Commercial: 33 Industrial: 42
<b>Technical characteristics</b>		
Total thickness	EN ISO 24346	2.5 mm
Wear layer thickness	EN ISO 24340	0.55 mm
Total weight	EN ISO 23997	3900 g/m <sup>2</sup>
Form of delivery	EN ISO 24342	Planks 12.5 x 122 cm, 24 planks/box = 3.66 m <sup>2</sup> 20 x 122 cm, 15 planks/box = 3.66 m <sup>2</sup> 25 x 122 cm, 12 planks/box = 3.66 m <sup>2</sup>  Tiles 25 x 50 cm, 30 tiles/box = 3.75 m <sup>2</sup> 50 x 50 cm, 15 tiles/box = 3.75 m <sup>2</sup> 50 x 100 cm, 7 tiles/box = 3.75 m <sup>2</sup>
Surface treatment (PUR)		Yes - TopClean XP™
Beveled edges		Yes
<b>CE Marking</b>		
Declaration of Performance		0007-0049-DoP-2018-06
<b>Technical performances</b>		
Dimensional stability	ISO 19322 - PROCEDURE A	$\leq 0.15\%$
Curl resultant to heat	ISO 19322 - PROCEDURE A	$\leq 1 \text{ mm}$
Reaction to fire	EN 13501-1	Cfl-s1
Residual indentation	EN ISO 24343-1	$\leq 0.01 \text{ mm}$
Furniture leg	ISO 16581 - EN 424	No damage
Castor chair	ISO 4918 - EN 425	No damage
Impact sound reduction	EN ISO 717-2	$\Delta L_w = 2 \text{ dB}$
Reduction of in-room impact noise	NF S31-074	Class C ( $L_{n,e,w} < 85 \text{ dB}$ )
Thermal resistance	EN ISO 10456	0.02 m <sup>2</sup> K/W
Light fastness	EN ISO 105-B02 (method 3a)	$\geq 6$
Chemical resistance	EN ISO 26987	Very Good
Slip resistance	DIN 51130 EN 13893	R9/R10 depending on embossing $\mu \geq 0,30$
Electrical properties	EN 1815 EN 1081	< 2kV on concrete > 10 <sup>9</sup> $\Omega$
Peeling resistance	EN ISO 24345	$\geq 50\text{N} / 50\text{mm}$
<b>Environmental performances</b>		
TVOC 28 days AgBB test	ISO 16000-9	$\leq 10 \mu\text{g}/\text{m}^3$

The above information is subject to modification for the benefit of further improvement. (03/18).

According to the European Regulation N° 305/2011 for CE Marking, the Declarations of Performance are available on our website [www.tarkett.com](http://www.tarkett.com). Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

CUSTOMS TARIFF : 4820 5000 00





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