



DESSO

Origin: The Beauty of Circularity

 **Tarkett**



The Beauty of Circularity

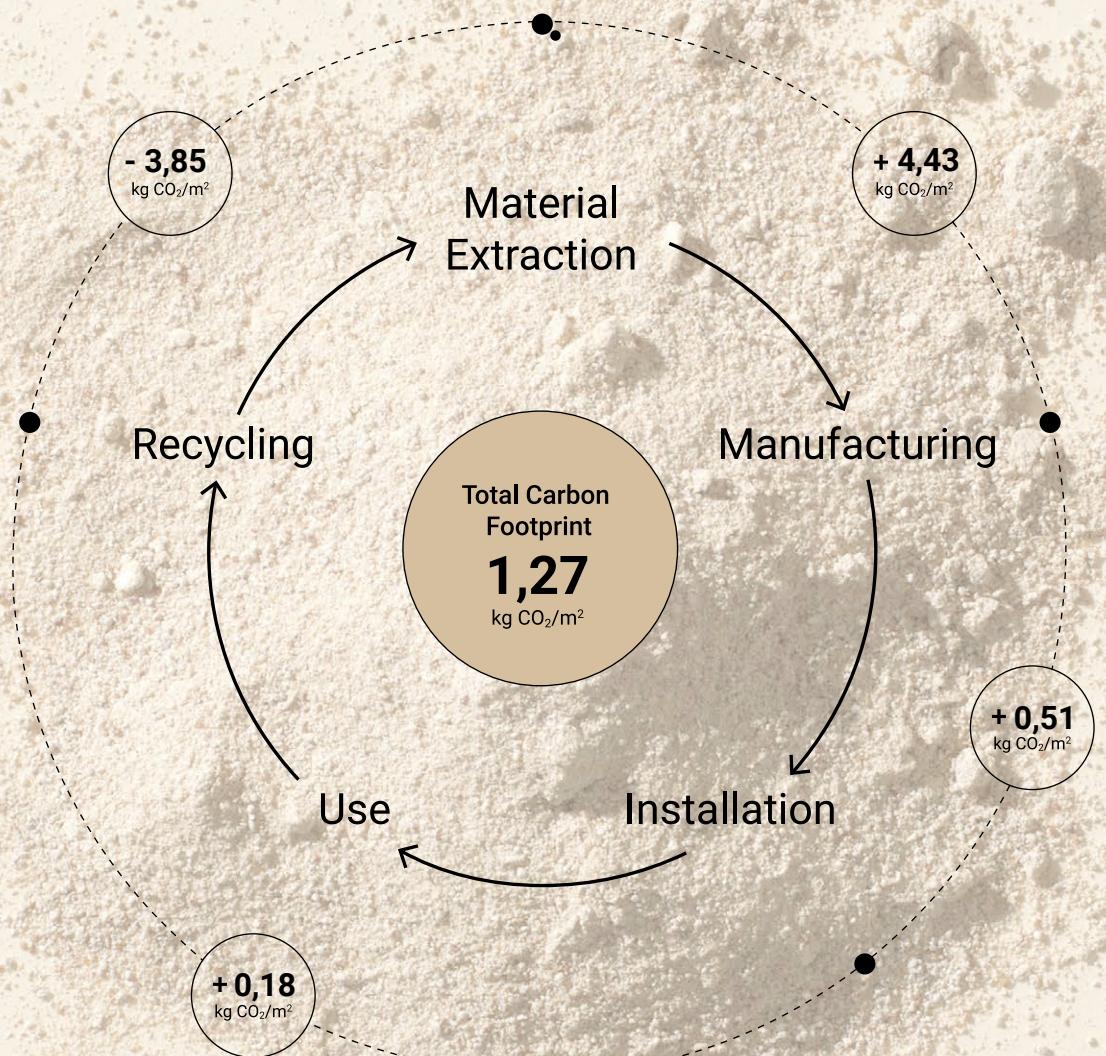
At Tarkett, our closed-loop systems do away with linear take-make-waste models, ensuring that what goes around, comes around. For us, the beauty of circularity is about the beauty of the used and reused materials that go into our products, the innovative manufacturing processes and the knowledge that we're actively cutting down on waste and greenhouse gas emissions.

It's a cycle that brings us back to where we began: in Tarkett Human-Conscious Design®, our commitment to create flooring that is good for people and for the planet. And to do it every day.

Our Circular Carbon Footprint



Doing good for people and the planet means taking real steps to reduce the emission of greenhouse gases like carbon dioxide, a major contributor to global warming. Tarkett's circular approach to carpet tiles enables us to do just that. The only carpet tile manufacturer with a closed-loop recycling system, we limit the use of virgin raw materials for new products, and avoid common, carbon-emitting options such as incineration and the landfill at product end-of-life.



Lowest Circular Carbon Footprint

From the initial point of extraction through manufacturing, installation, use and recycling, we bear a responsibility for guiding the carpet on to its next life, over and over again. Our closed-loop system ensures that our carpet tiles have the **lowest circular carbon footprint* in Europe** – one that is **at least 6 times lower**** than the total carbon footprint of our competitors.

* For EcoBase-backed carpet tiles with PA6 yarn, according to the Environmental Product Declaration (EPD) S-P-05827 externally verified by Bureau Veritas, based on the total carbon footprint (Modules A-D) with a closed loop circular recycling scenario.

** Comparison of EPD S-P-05827 with the total carbon footprint (Module A-D) of each of the 19 carpet tiles' EPDs available on internet (May 2022) for competitors with production location in the EU+UK, in the product weight range 600-699gr, Polyamide yarn and incineration as end-of-life scenario.

Made to be ReMade

Pile ReMade
Retrace 1510



Backing ReMade:
Retrace 1510



Pile ReMade:
ECONYL® Yarn



Pile ReMade:
Reclaimed Yarn
Fluff



Backing ReMade
Chalk for EcoBase Backing



Backing ReMade
EcoBase Backing Granulates



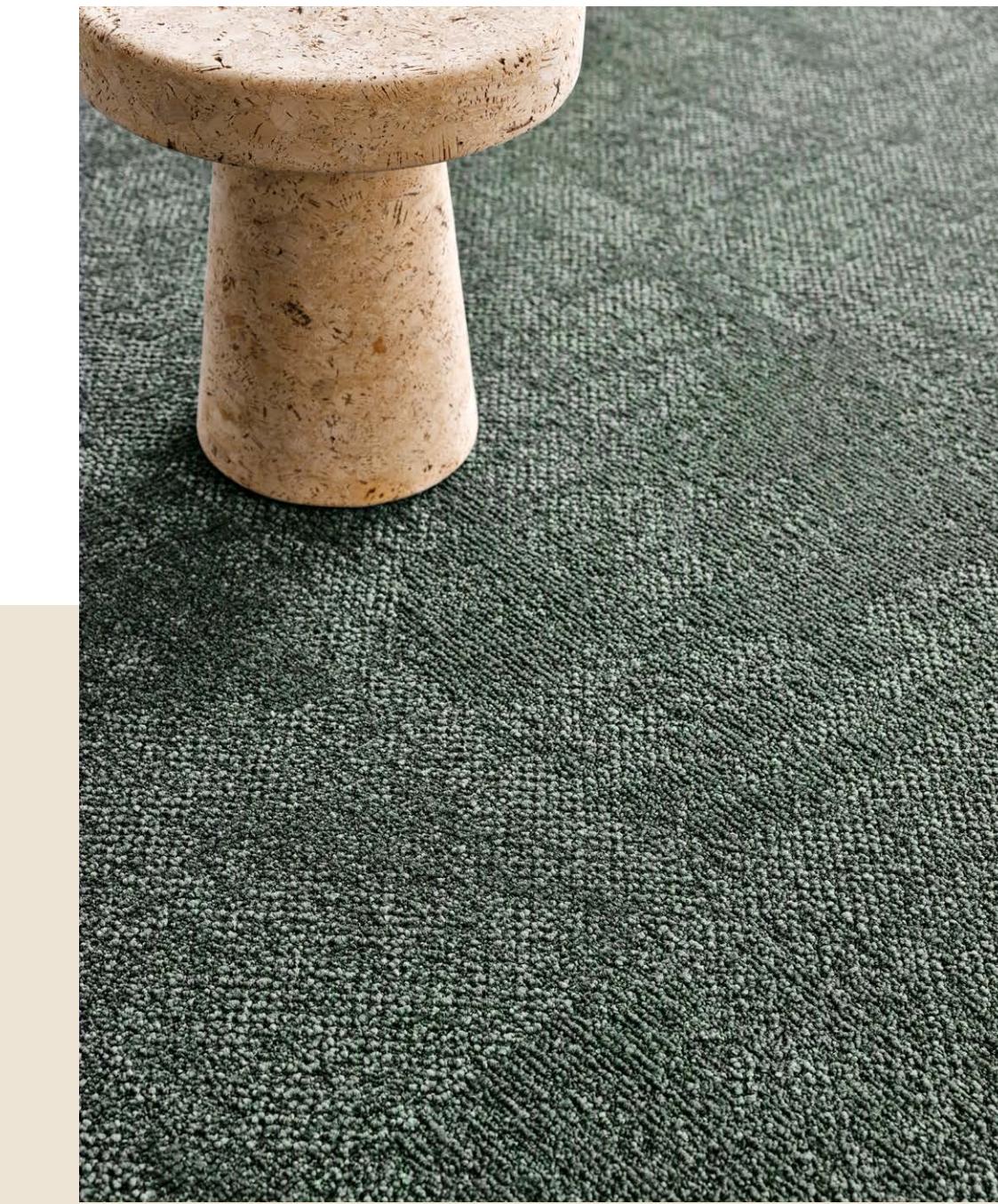
Backing ReMade:
Shredded EcoBase Backing



The DESSO Origin collection was made to be remade. A truly circular product, it was designed to be disassembled so its components can be easily recycled into raw material for new carpet tiles. The result: a collection that combines technical expertise with tactility and textural beauty. For new, and renewed, beginnings.



Retrace 2075



Recharge 7952





What it's MADE of

Backing and yarn. That's what it mainly comes down to: two simple components that are put together just as neatly as they may later be taken apart. Made to be Remade, DESSO Origin's fully recyclable carpet tiles are manufactured using 100% green energy.

The backing: EcoBase 100% recyclable Cradle to Cradle Gold-certified™ carpet tile backing is made from polyolefin granulates and contains on average 80% recycled chalk from the local drinking water industry.

The yarn: Polyamide 6 (PA6) ECONYL®, a 100% regenerated nylon yarn developed from nylon waste.

To Be ReMADE...

Once disassembled, old makes way for new. At Tarkett, we recognize that we are responsible for the full life cycle of every material we work with. Our take-back and recycling program, ReStart®, makes it possible to close the loop, recycling yarn and backing without loss of quality, all the while complying with stringent health and environmental standards.

The backing: Used backing is shredded, then reformed into polyolefin granulates to create new EcoBase backing.

The yarn: Separated from their backing, PA6 ECONYL® yarn is recycled, regenerated and reintegrated within new carpet tiles.





Retrace 1510 Recharge 1510 Recharge 2024



Recharge 6218 Recharge 6022 Recharge 9096



Recharge 7952 Recharge 8914 Retrace 9504

Origin Collection: Recharge & Retrace

DESSO Origin's Recharge and Retrace carpet tiles are 100% recyclable, the result of a holistic design process. Here, the circular notion of "made to be remade" inspired both texture and pattern, with each product line reflecting the tactile beauty to be found in the perfect imperfection of the natural world.

Recharge evokes the upcycled chalk used in the manufacture of the EcoBase backing, while Retrace looks to the carpet tile recycling process itself for inspiration. The beauty of circularity comes across in the irregularity and textural variation of their designs, an invitation to touch, feel and admire, time and time again.

Of course, just like all our other carpet tile collections, DESSO Origin also works with our optional SoundMaster acoustic backings.







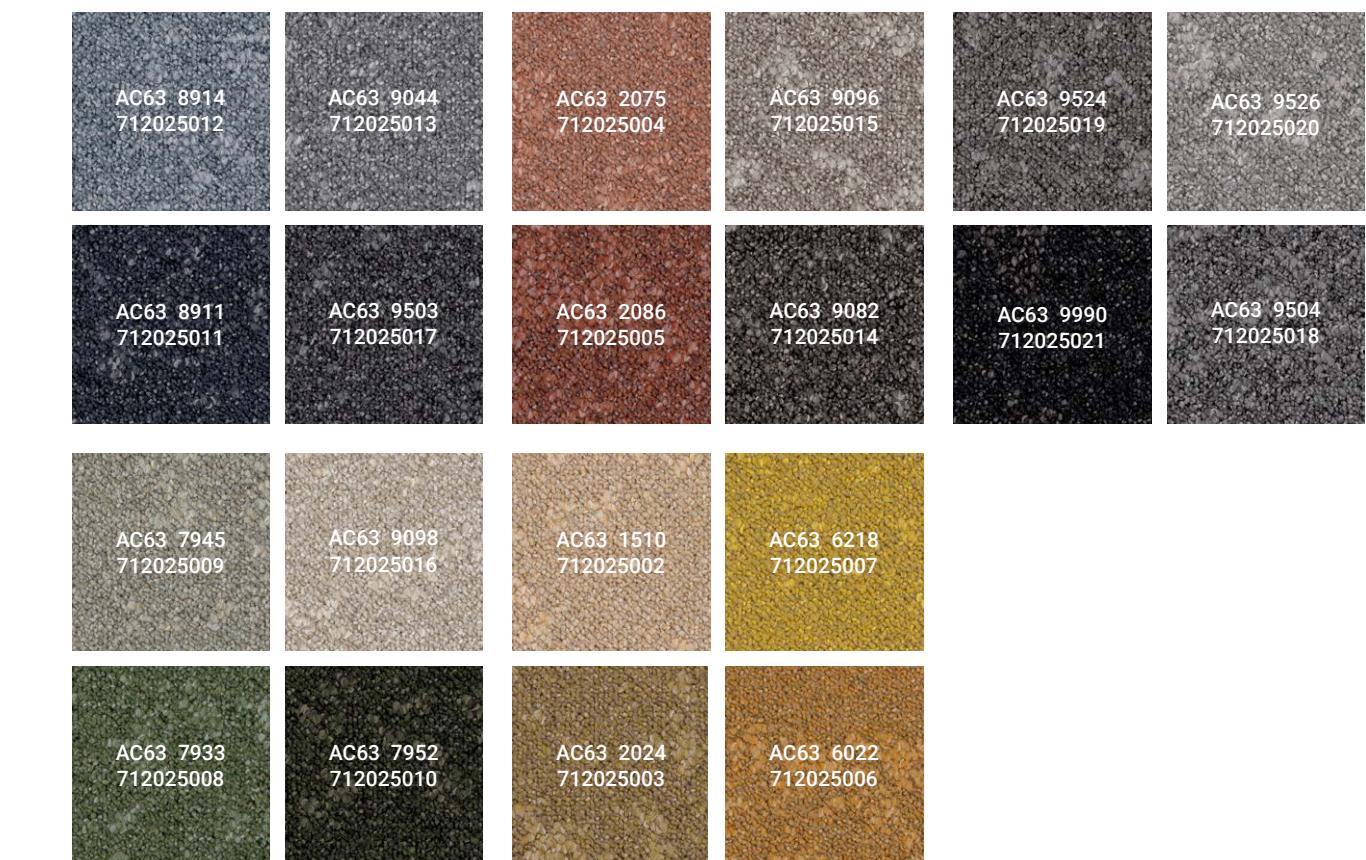
Retrace 9098



Colour Ranges



DESSO Retrace





Total carbon footprint (Module A-D)*

1,40

kg CO₂/m²

Total recycled content

60,2%

DESSO Recharge

100%

Yarn recycled content

100%

Recyclable

Our Sustainability Credentials

Total carbon footprint (Module A-D)*

1,27

kg CO₂/m²

Total recycled content

61,1%

DESSO Retrace

100%

Yarn recycled content

100%

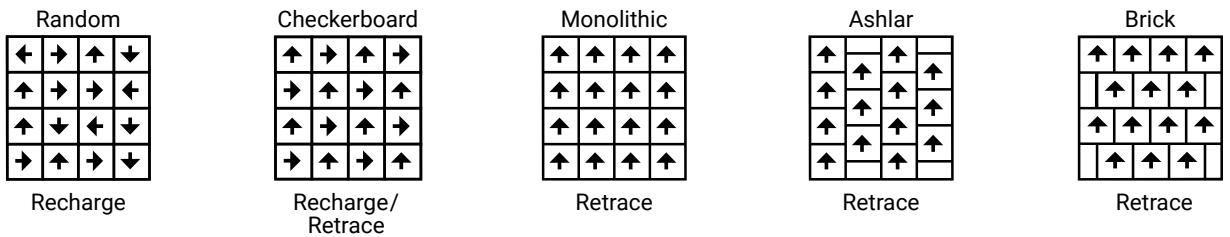
Recyclable

* According to the Environmental Product Declaration (EPD) S-P-05827 externally verified by Bureau Veritas, based on the total carbon footprint (Modules A-D) with a closed loop circular recycling scenario.

Specification according to EN 1307

		Recharge		Retrace	
Type of manufacture	ISO 2424	Tufted 1/10" Structured loop pile		Tufted 1/10" Structured loop pile	
Pile Fibre	ISO 2424	Solution dyed BCF PA 6 ECONYL®*		Solution dyed BCF PA 6 ECONYL®*	
Dimension	EN ISO 24342	50 x 50 cm 19.68" x 19.68" (20 tiles per box)		50 x 50 cm 19.68" x 19.68" (20 tiles per box)	
Primary backing	ISO 2424	Polyester fleece		Polyester fleece	
Secondary backing	ISO 2424	EcoBase**		EcoBase**	
Total thickness	ISO 1765	6.5 mm 0.3 inch		6.0 mm 0.2 inch	
Effective pile thickness	ISO 1766	2.8 mm 0.11 inch		2.8 mm 0.11 inch	
Total mass	ISO 8543	4050 g/m ² 119.5 oz/yd ²		3800 g/m ² 112.2 oz/yd ²	
Total pile mass	ISO 2424	600 g/m ² 17.7 oz/yd ²		600 g/m ² 17.7 oz/yd ²	
Effective pile mass	ISO 8543	345 g/m ² 10.2 oz/yd ²		355 g/m ² 10.5 oz/yd ²	
Pile density	ISO 8543	0.123 g/m ³ 0.0044 lb/in ³		0.127 g/m ³ 0.0046 lb/in ³	
Number of tufts	ISO 1763	1580 /dm ² 132104 /yd ²		1580 /dm ² 132104 /yd ²	
Stroll test	ISO 6356	≤ 2.0 kV		≤ 2.0 kV	
Vertical resistance	ISO 10965	≤ 1x10 ⁹ Ohm		≤ 1x10 ⁹ Ohm	
Classification for use	EN 1307	33 Commercial - heavy use		33 Commercial - heavy use	
Dimensional stability	EN 986	≤ 0,2 %		≤ 0,2 %	
Impact sound reduction ΔL _w	ISO 10140	23 dB		23 dB	
Noise reduction	ISO 354	0.15 a _w		0.15 a _w	
Flammability	EN 13501-1	B _{fl} - s1 (loose laid tested)		B _{fl} - s1 (loose laid tested)	

Technical specifications



Preliminary specification

DESSO flooring products are to be installed in full accordance with Tarkett's installation instructions and recognized trade standards. An effective, regular cleaning and maintenance program is vital for retaining a high appearance level. DESSO flooring products should only be used as floorcoverings. Note: Tarkett reserves the right to change this specification without prior notice; changes are subject to normal production tolerances. For the latest versions of the technical specifications, visit www.tarkett.com

* ECONYL® is a yarn made from 100% regenerated content. The total % of regenerated content varies per product and per colour. Whether a colour contains ECONYL® and the exact % thereof can be found on our website: www.tarkett.com

** 100% recyclable, contains on average 80% positively defined recycled content.

DESSO EcoBase® is a polyolefin based backing. Positively defined means: all ingredients have been assessed as either Green (optimal) or Yellow (tolerable) according to the Cradle to Cradle® assessment criteria. As described in Cradle to Cradle® Certified™ Product Standard Version 3.1. The total % of recycled content varies per product and per colour which can be found on our website: www.tarkett.com For products with acoustic backing: SoundMaster/SoundMaster Lite backings contain 80% recycled polyester felt, SoundMaster Thrive is a low antimony polyester felt.



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Tarkett Human-Conscious Design®

Tarkett Human-Conscious Design® is our pledge to stand with present and future generations. To create flooring and sports surfaces that are good for people and for the planet. And to do it every day.

We deliver on this through the synergy of three commitments:

- 1 Deep human understanding
- 2 Conscious choices. For people and planet
- 3 With you. Every step of the way



Photography
Alexander van Berge (6, 7, 10, 11, 12, 13, 14, 17)
Victoria Ling (1, 2, 3, 4, 5, 8, 9, 15)

Stylist
Bregje Nix

3D Renderings
TripleD

Thanks to Arp Design, Vitra, Devorm,
Handmade Industrials, Artek and Muuto

Installation method used in all photography:
Random for Recharge and Monolithic for Retrace



Recharge 7952 Recharge 3914

ORIGIN CARPET TILES THE BEAUTY OF CIRCULARITY

tarkett.com



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