

DESSO

# AirMaster<sup>®</sup> Reflection

CARPET TILES

Clears  
the Air<sup>®</sup>



 **Tarkett**





# DESSO AirMaster® Reflection

## BEAUTIFULLY BALANCED

DESSO AirMaster Reflection has been created with contemporary hospitality and workplaces in mind, inspired by Japanese design philosophy centred around balance, serenity and nature.

As the lines between home, hospitality and workplace continue to blur, this collection featuring 100% recyclable yarn and backing has been designed to offer a respite from our frantic and fractured existence with wellbeing built into the fabric of the flooring.

A collection that encapsulates Tarkett's principles of balance perfectly; it is good for people and the planet.



# DESSO AirMaster® Reflection

DESSO AirMaster Reflection lets you create unique, tactile swirl patterns across the floor. This distinctive composition is achieved by combining a textured neutral, or darker top layer with curved subtle lines and a contrasting – or complementary – coloured base. This multi-layered design allows you to experiment with lines, textures and colours to create visually calming sanctuaries.







## DESSO AirMaster® Reflection

DESSO AirMaster Reflection features Tarkett's patented AirMaster technology, offering tangible health benefits by reducing fine dust in the indoor air.

Good indoor air quality in hotels leads to higher levels of well-being allowing travelers to feel more energized during and after their vacation. It leads to better sleep which in turn contributes to a better recovery and relaxation.



# DESSO AirMaster® Reflection

Improving indoor air quality in the workplace can have an immediate, positive and tangible impact on the health and wellbeing and performance of employees.

In fact, studies show that reducing fine dust in the workplace together with minimising volatile organic compounds can raise office worker productivity by 0.5 to 5 percent.









# Clears the Air®

The importance of clean air can hardly be overstated. Tiny, invisible particles called particulate matter (PM), also known as particle pollution or fine dust, play a determining factor in the air quality of hotels and workplaces, and are directly linked to health risks.<sup>1</sup> Our presence of mind, our sense of well-being and our health in general all benefit greatly from air free of pollutants.

<sup>1</sup> World Health Organization Air quality guidelines for particulate matter, global update 2005.







## Clears the Air®

Tarkett's own research in 2021, tracked employees' key concerns in the office and shows that indoor air quality remains the number one worry across all territories.

Pioneering new, sustainable avenues to improve indoor air quality, Tarkett introduced the first unique, patented AirMaster collection in 2010. Propelled by its instant success, AirMaster has since grown into a range of inspiring collections, to which Reflection is the latest exciting addition.





# Clears the Air®

## PROVEN EFFECTIVENESS

Ever since its introduction the AirMaster technology has proven itself in countless workspaces as well as in stringent laboratory tests.

The latter demonstrated that DESSO AirMaster is at least eight times more effective at capturing and retaining fine dust particles than smooth flooring solutions and at least four times compared to conventional carpets.

At least

**8x** more effective compared to smooth flooring solutions (PM<sub>10</sub>).

And

**4x** more effective at capturing and retaining fine dust particles than conventional carpets (PM<sub>10</sub>).<sup>1</sup>

<sup>1</sup> Based on tests performed by GUI with DESSO AirMaster versus a standard smooth floor and versus standard structured loop pile carpet (median values).



# Clears the Air®



The GUI Gold label has been awarded based on the average of 15 repeated tests in which the excellent fine dust capturing performance of DESSO AirMaster was measured, to safeguard that the results are scientifically sound and not just based on a one-time performance. During some tests, DESSO AirMaster proved to be up to 20 times more effective<sup>1</sup> in capturing and retaining fine dust than smooth flooring solutions.

The Gold Plus label was awarded for high performance on three further test criteria:

- Suitability for allergy sufferers
- High fine dust binding capacity
- Low Volatile Organic Compound (VOC) emission properties.<sup>2</sup>

<sup>1</sup> Measurements are carried out at a height of 80 cm and 110 cm (in the breathing zone).

<sup>2</sup> ISO 16000 test analysis, according AgBB evaluation scheme 2010 and in accordance with GUT emission criteria.











## Made to be remade

DESSO AirMaster Reflection is a truly circular collection; made from 100% regenerated ECONYL® yarn and our 100% recyclable Cradle to Cradle Gold level certified™ EcoBase backing, containing up to 91% recycled and bio-based content.

What's more, it's also available with Tarkett's recyclable SoundMaster Thrive acoustic backing option, for an even quieter, more soothing space.



# Sustainability credentials



DESSO AirMaster Reflection carpet tiles are Cradle to Cradle Silver level certified™ and manufactured using 100% green energy.



Circular Carbon Footprint: according to the Environmental Product Declaration (EPD) EPD-IES-0014263 –DESSO Carpet Tiles, 100% recycled PA6 (max. 800 g/m²) + EcoBase externally verified by Bureau Veritas, based on the total carbon footprint (Modules A-D) with a closed loop circular recycling scenario.

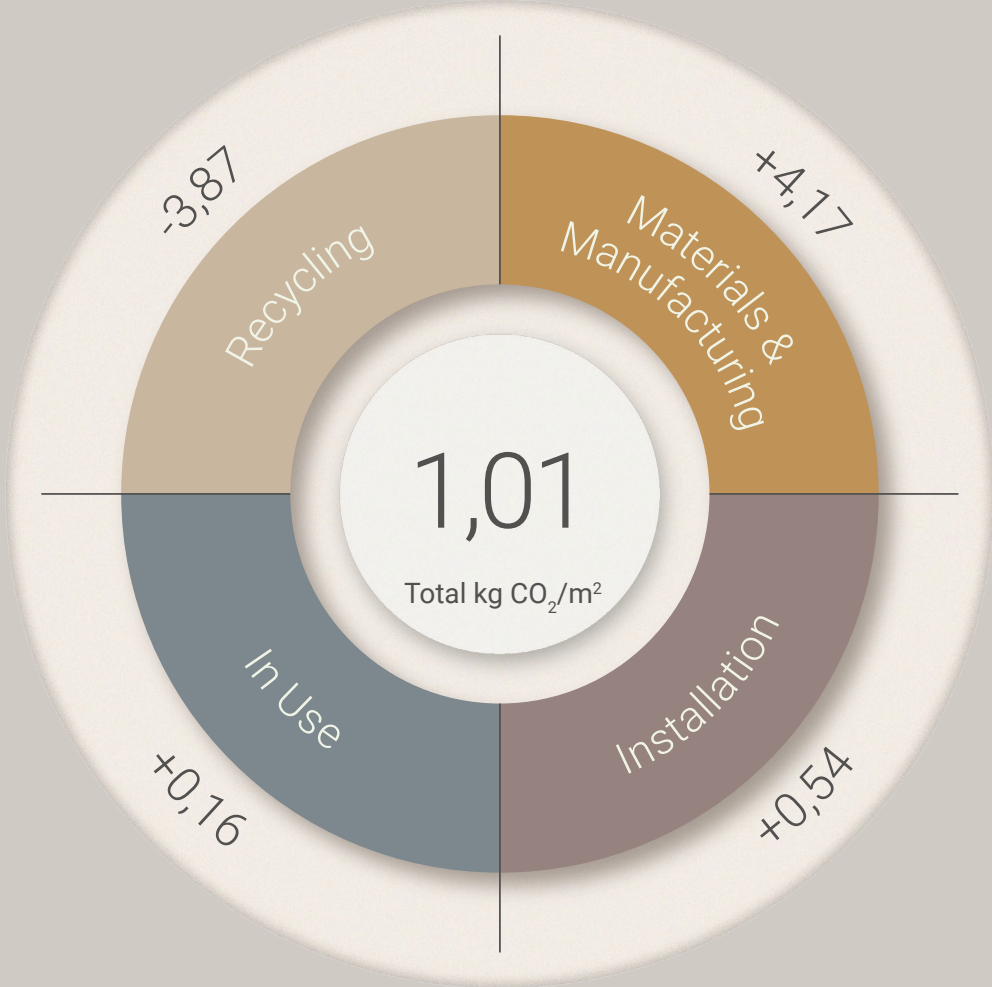


9107, 9527, 9850



# Our Circular Carbon Footprint

Together with our holistic design approach and carefully considered materials, our closed-loop system ensures that our carpet tiles record an impressively low circular carbon footprint – one we’re continually working, alongside our partners and customers, to shrink even further.

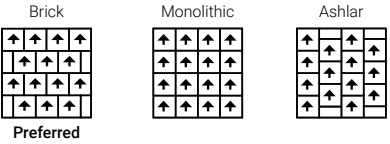


Circular Carbon Footprint: according to the Environmental Product Declaration (EPD) EPD-IES-0014263 –DESSO Carpet Tiles, 100% recycled PA6 (max. 800 g/m<sup>2</sup>) + EcoBase externally verified by Bureau Veritas, based on the total carbon footprint (Modules A-D) with a closed loop circular recycling scenario.



# Technical specifications

Type of manufacture	ISO 2424	Tufted 1/10" Structured loop pile	
Pile Fibre	ISO 2424	Solution dyed BCF PA 6 ECONYL®*	
Dimensions	EN ISO 24342	50 x 50 cm	19.68" x 19.68" (20 tiles per box)
Primary backing	ISO 2424	Colback® Gold Polyester fleece	
Secondary backing	ISO 2424	EcoBase**	
Total thickness	ISO 1765	6.5 mm	0.26 inch
Effective pile thickness	ISO 1766	4.0 mm	0.16 inch
Total mass	ISO 8543	4200 g/m²	124.0 oz/yd²
Total pile mass	ISO 2424	790 g/m²	23.3 oz/yd²
Effective pile mass	ISO 8543	575 g/m²	17.0 oz/yd²
Pile density	ISO 8543	0.144 g/cm³	0.0052 lb/in³
Number of tufts	ISO 1763	1580 /dm²	132104 /yd²
Stroll test	ISO 6356	≤ 2.0 kV	
Vertical resistance	ISO 10965	≤ 1x10 <sup>9</sup> Ohm	
Classification for use	EN 1307	33 commercial - heavy use	
Dimensional stability	EN 986	≤ 0.2%	
Impact sound reduction ΔL <sub>w</sub>	ISO 10140	25 dB	
Noise reduction	ISO 354	0.15 α <sub>w</sub>	
Flammability	EN 13501-1	B <sub>fl</sub> - s1 (loose laid tested)	

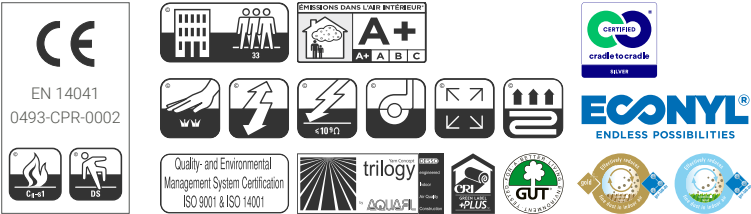


### PRELIMINARY SPECIFICATION

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](http://www.tarkett.com)

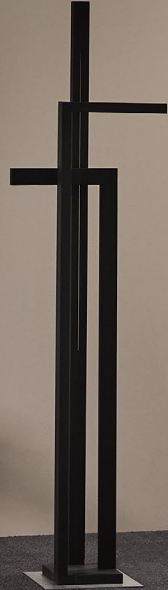
\* ECONYL® is made from 100% regenerated content.  
\*\* EcoBase - 100% recyclable, contains up to 91% recycled and bio-based content. Recycled content is externally verified by Lloyds Register.

For products with acoustic backing: SoundMaster/SoundMaster Lite backings contain 80% recycled polyester felt, SoundMaster Thrive is a low antimony polyester felt.



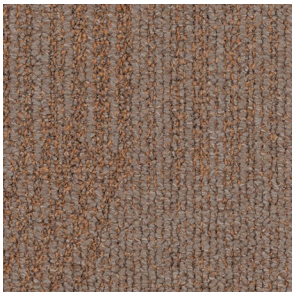
Manufactured by:  
Tarkett BV  
Taxandriaweg 15  
NL - 5142 PA Waalwijk  
[www.tarkett.com](http://www.tarkett.com)



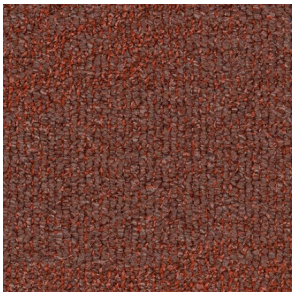




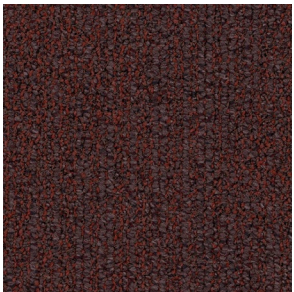
# Colour Range



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712013003



**AC58 2082**  
712013001



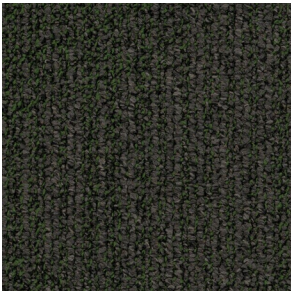
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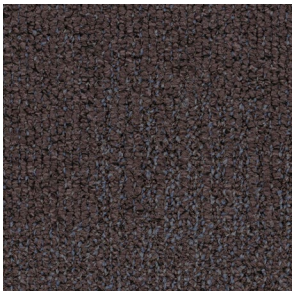
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**AC58 9527**  
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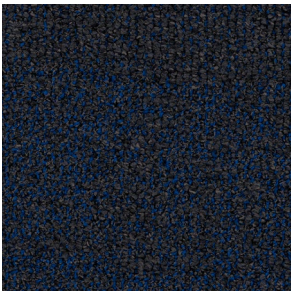
**AC58 9850**  
712013012



**AC58 9531**  
712013011



**AC58 9503**  
71201300



**AC58 9021**  
712013004

The striking collection is available in nine shades across three broad themes; earthy reds and browns; soft and warm neutrals and muted cool hues. The palette selection makes it the perfect flooring choice for a range of different settings including a tranquil spa, contemporary boutique hotel and a welcoming workplace.



# 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





[www.tarkett.com](http://www.tarkett.com)



#### About Tarkett

With a history of more than 140 years, Tarkett is a worldwide leader in innovative and sustainable flooring and sports surface solutions, generating turnover of € 3.4 billion in 2023. The Group has close to 12,000 employees, 23 R&D centers, 8 recycling centers and 34 production sites. Tarkett creates and manufactures solutions for hospitals, schools, housing, hotels, offices, stores and sports fields, serving customers in over 100 countries. To build "The Way to Better Floors," the Group is committed to circular economy and sustainability, in line with its Tarkett Human-Conscious Design® approach. Tarkett is listed on the Euronext regulated market (Compartment B, ISIN: FR0004188670, ticker: TKT) [www.tarkett-group.com](http://www.tarkett-group.com)

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**Thanks to** [www.houtdirect.nl](http://www.houtdirect.nl), [www.tacchini.it](http://www.tacchini.it), [www.kristinadam.dk](http://www.kristinadam.dk), [www.rubenhoogvliet.nl](http://www.rubenhoogvliet.nl), [www.artek.com](http://www.artek.com), [www.vitra.com](http://www.vitra.com), [www.ethnicraft.com](http://www.ethnicraft.com), [www.gubi.com](http://www.gubi.com), [www.mazeinterior.se](http://www.mazeinterior.se), [www.bloominville.nl](http://www.bloominville.nl), [www.wendyandrea.com](http://www.wendyandrea.com), [www.hollandslicht.eu](http://www.hollandslicht.eu), [www.tomdixon.net](http://www.tomdixon.net), [www.karupdesign.com](http://www.karupdesign.com), [www.mrsine.nl](http://www.mrsine.nl), [www.arpdesign.com](http://www.arpdesign.com), [www.objectembassy.com](http://www.objectembassy.com), [www.jspr.eu](http://www.jspr.eu)

Installation method used in all photography: Monolithic

Front page images: 2934, 2082