

DESSO

AIRMASTER®

CLASSIC, EARTH & SPHERE

CARPET TILES



 **Tarkett**

We are living, breathing beings on a living, breathing planet. That's why we at Tarkett believe it is essential to protect the air we breathe. Created to help improve human and environmental health and well-being, AirMaster exemplifies Tarkett Human-Conscious Design® - our commitment to create flooring that is good for people and the planet. And to do it every day.

BREATHE

Air pollution poses a growing risk to people's health indoors, as well as out.

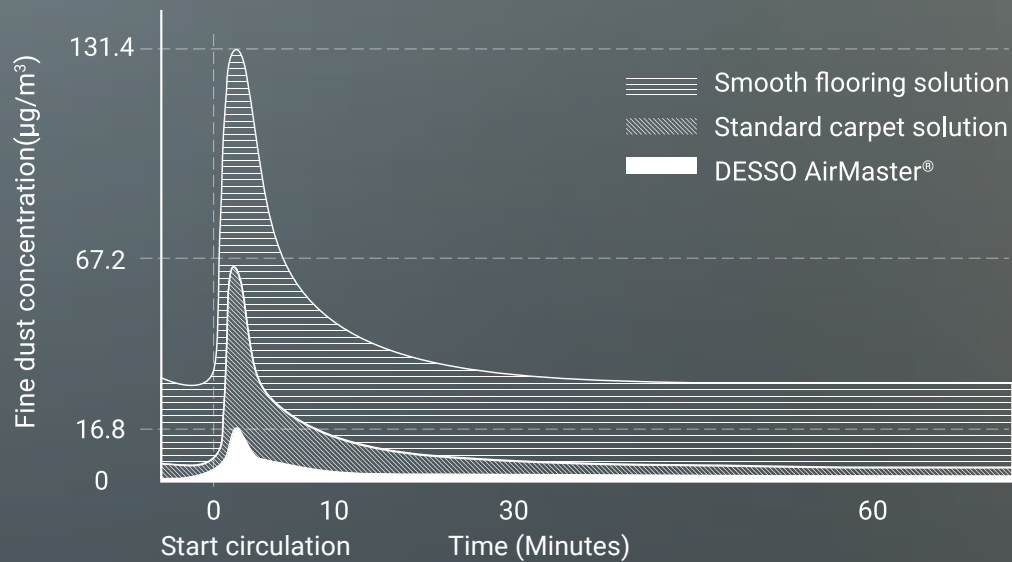
The average person spends 90% of their time indoors and takes some 25,000 breaths a day¹. Yet air pollutant levels are 2 to 5 times higher in most buildings than outdoors². Indoor air contains harmful particulate matter (PM), microscopic particles of dust and dirt small enough to be inhaled deep into the lungs. Grouped into two size categories, PM10 and PM2.5, both can produce harmful effects on the respiratory and cardiovascular system.

¹ <https://www.asthmaandlung.org.uk/how-your-lungs-work>

² US Environmental Protection Agency

With its patented technology, DESSO® AirMaster Carpet Tiles capture and retain fine dust 8 times more effectively than smooth floors and 4 times more than standard Carpet¹. Clearing the air for human and environmental health and well-being and giving us space to breathe.

Carpet can help improve indoor air quality to contribute towards health environments for work and play.



Measurements are carried out at a height of 80cm and 110cm (in the breathing zone).

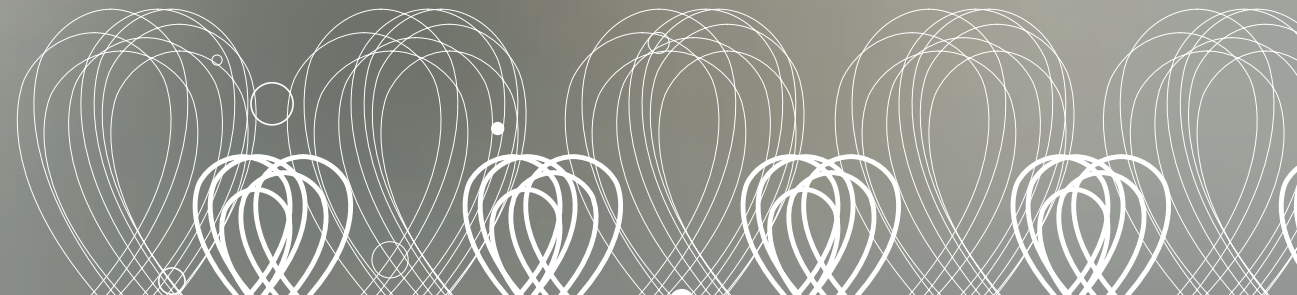
¹ Based on GUI test report AirMaster® 090225-01 DF with DESSO AirMaster® versus a standard smooth floor and versus standard structured loop pile carpet (median values).

The AirMaster Collection



The DESSO® AirMaster collection is available in an updated palette of 9 rich colours and 9 beautiful neutrals. Each of these colours has a textural design option - from Classic's subtle lines to Earth's dramatic depth and Sphere's tonal texture.

Illustration of AirMaster structured pile loop,
actual product may differ from illustration.



AirMaster Classic

Our updated palette of colours and neutrals showcase Classic's linear design, its sophisticated, irregular woven stripes offering spatial depth, shadow play and definition to any room or workspace. Combining these Carpet Tiles with Sphere and Earth's more organic finishes and colours creates richly textured floor designs.

CLASSIC 9107
CLASSIC 9517
EARTH 2083
SPHERE 2084
SPHERE 2092





CLASSIC 9517
SPHERE 2084



CLASSIC 2084
CLASSIC 9517
CLASSIC 9107
EARTH 2091
SPHERE 2092
SPHERE 2084

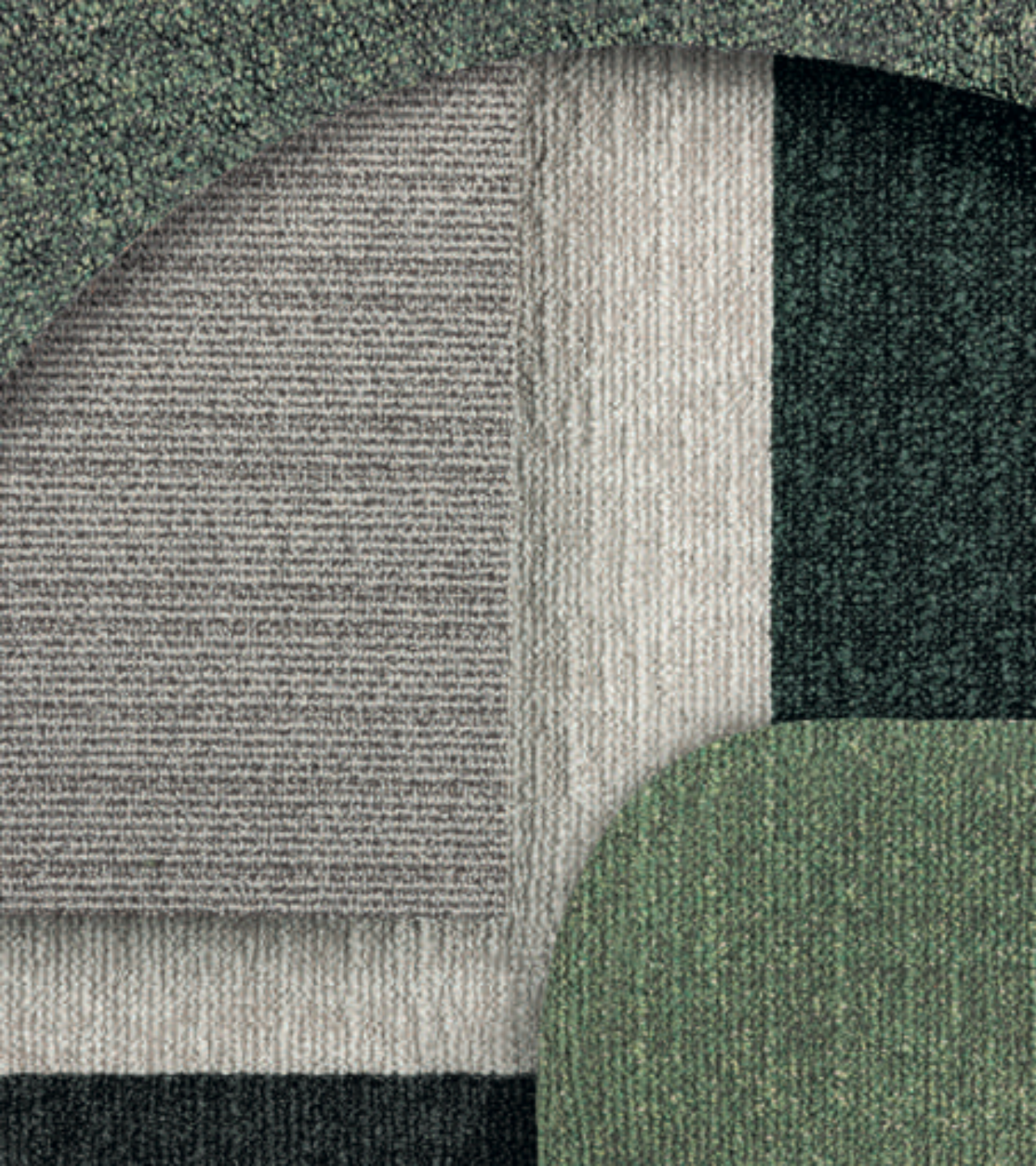
AIRMASTER

AirMaster Earth

Featuring statement black yarn thread, tonal colour and an irregular, organic pattern, Earth offers dramatic depth and tactility. These 9 new accent colours and 9 neutral Carpet Tiles can be used to create statement flooring designs with Classic and Sphere, such as room centre pieces or workplace zoning and routing.



EARTH 7921
EARTH 7922
SPHERE 9517
SPHERE 7924
BAUX PANEL CHECK - FOREST - AIR OLIVE GREEN | AIRMASTER



CLASSIC 9505
EARTH 9512
EARTH 7922
EARTH 7921
SPHERE 9517
SPHERE 7924



AIRMASTER



CLASSIC 6018
CLASSIC 2058
EARTH 1960
SPHERE 9517
SPHERE 1510

AirMaster Sphere

With a handmade, rustic feel and subtle, tonal colours inspired by natural materials and elements, Sphere adds warmth and texture to modern office environments. Each tile is available in 9 new accent colours and 9 neutral shades, with Sphere's tonal, grid-like texture bridging the gap between the more linear Classic and organic Earth.

AIRMASTER

CLASSIC 1510
CLASSIC 9517
EARTH 2023
SPHERE 9096
SPHERE 2926
BAUX PANEL CURVE - MINERALS - AIR SAND BEIGE



CLASSIC 9520
 CLASSIC 1510
 EARTH 2023
 SPHERE 9517
 SPHERE 9096
 SPHERE 2926

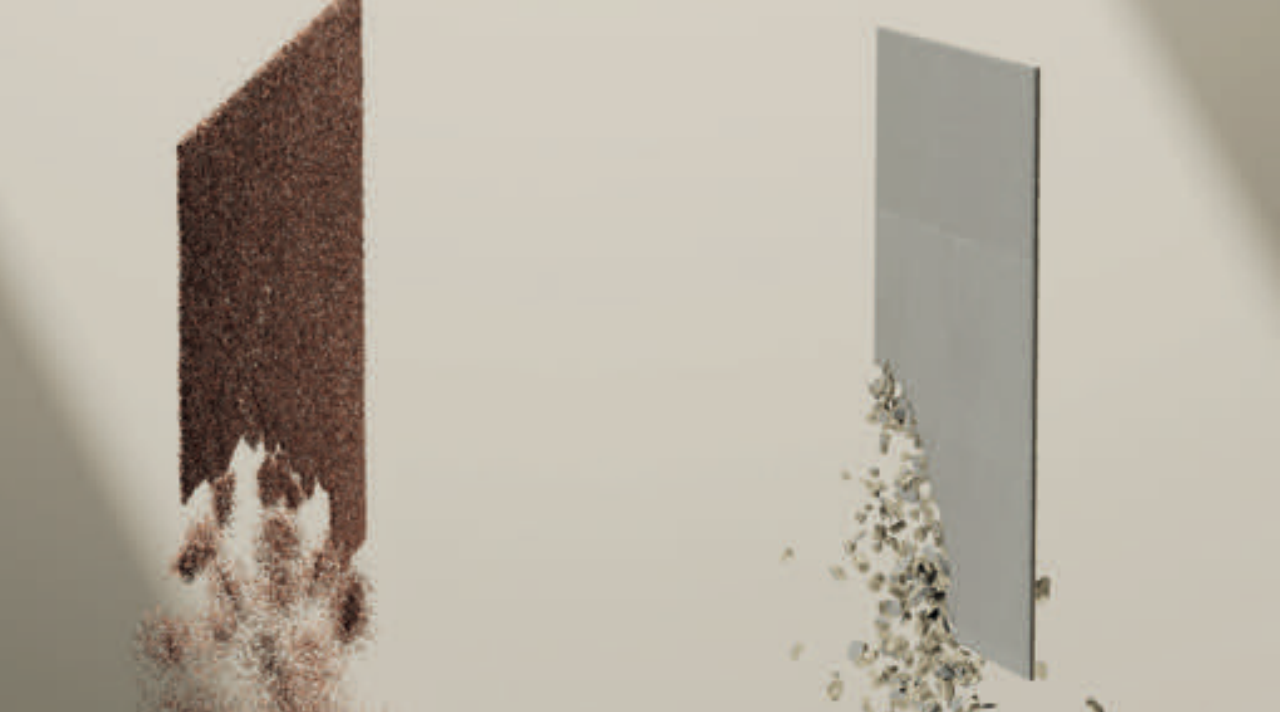


AIRMASTER

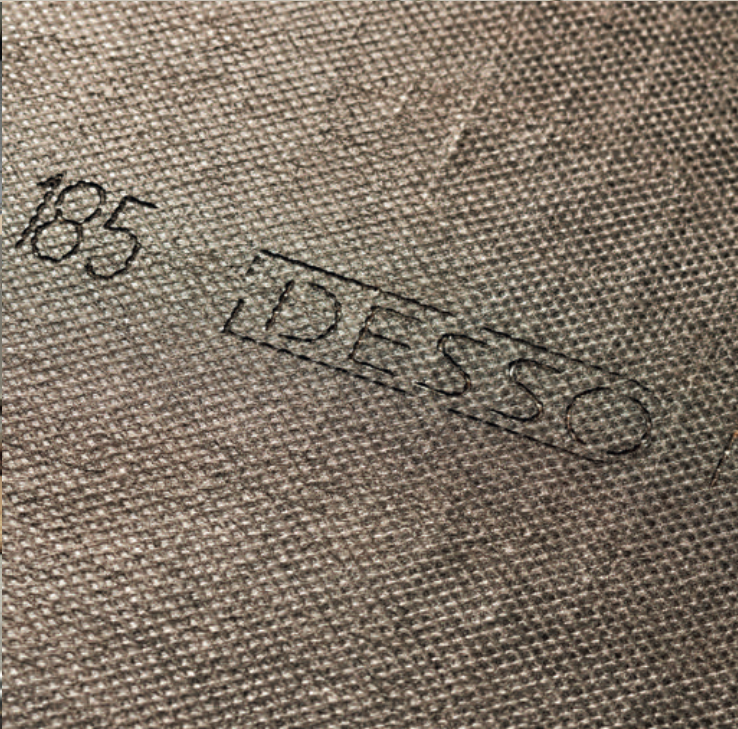
The Beauty of Circularity

At Tarkett, our approach to circularity focuses on three key areas: design, materials and circular journey. For us, the beauty of circularity is about the beauty of the reused materials that go into our products, the innovative manufacturing processes we implement, and the knowledge that we're actively cutting down on waste and greenhouse gas emissions.





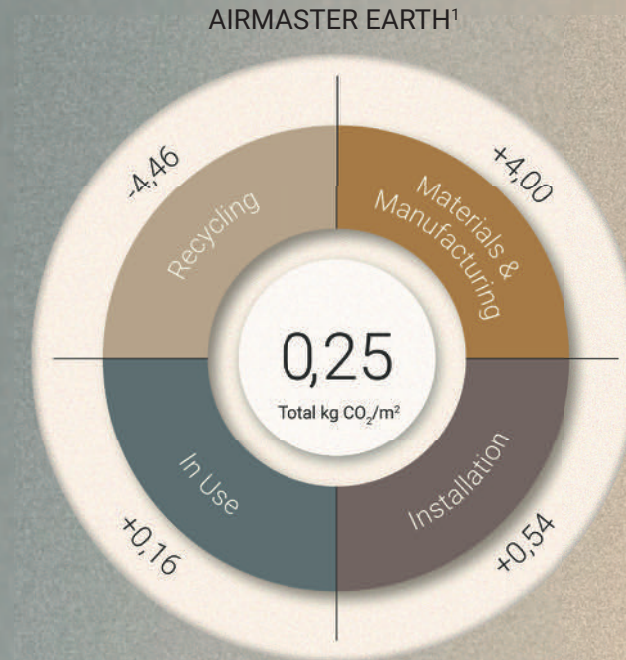
DESSO® EcoBase®



Over a decade ago we made a commitment to place circularity at the core of our ambitions as a company. Our carpet tiles are composed of two key components – yarn and EcoBase backing – that come together just as neatly as they can later be taken apart. As part of our continuous efforts to reduce our carbon footprint we are proud to launch a new and improved EcoBase backing, which sees a new bio-based ingredient replace a core ingredient formerly composed of petroleum-based content.



Our Circular Carbon Footprint



To keep track of the carbon generated and saved over a product's life cycle, we calculate and externally verify the Circular Carbon Footprint of every one of our carpet tile collections.

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.

¹ Circular Carbon Footprint: according to the Environmental Product Declaration (EPD) S-P-11675 – DESSO AirMaster Earth externally verified by Bureau Veritas, based on the total carbon footprint (Modules A-D) with a closed loop circular recycling scenario.

Sustainability Credentials

AIRMASTER

Circular Carbon Footprint
(Modules A-D)

CLASSIC

0,81 kg CO₂/m²

EARTH

0,25 kg CO₂/m²

SPHERE

0,66 kg CO₂/m²

100%

Yarn recycled
content

Total recycled +
bio-based content

CLASSIC

68,9%

EARTH

71,1%

SPHERE

69,3%

100%

Recyclable yarn
and backing

Circular carbon footprint according to the Environmental Product
Declarations (EPD) S-P-11790, S-P-11675, S-P-11798 externally verified
by Bureau Veritas, based on the total carbon footprint (Modules A-D)
with a closed loop circular recycling scenario.



Tarkett's collaboration with BAUX

Tarkett has entered into a collaboration with BAUX - world leader in sustainable acoustic sound absorbing products for walls and ceilings - two companies that care deeply about the well-being of people and planet within workplace design. A custom colour line has been designed with BAUX, combining its acoustic wood wool interior products and AirMaster's fine dust reducing flooring technology, meaning your wall and Carpet Tiles can now coordinate perfectly to create a healthier, harmonious working environment¹.

¹ Tarkett and BAUX are independent and separate companies.
Tarkett does not sell or commercialise BAUX's products.

CLASSIC 9517
SPHERE 8801
SPHERE 8926
BAUX PANEL LINES - FOREST - AIR JADE GREEN AIRMASTER



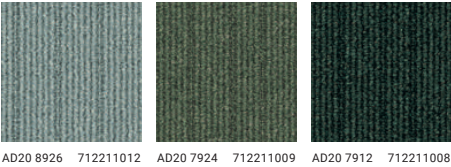
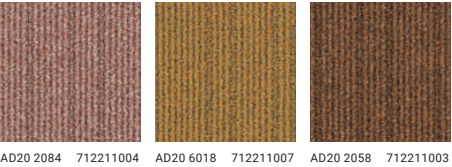
CLASSIC 9517
CLASSIC 9517
EARTH 2083
SPHERE 2084
SPHERE 2092
BAUX PANEL CURVE - MINERALS - AIR SAND BEIGE

AIRMASTER

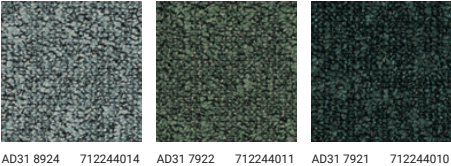
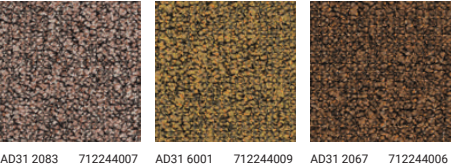


CLASSIC 6018
SPHERE 9517

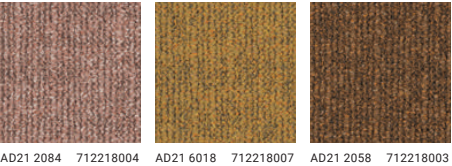
AirMaster Classic



AirMaster Earth



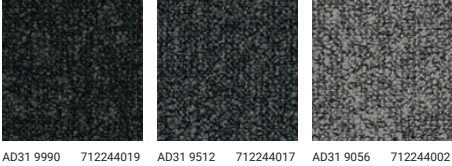
AirMaster Sphere



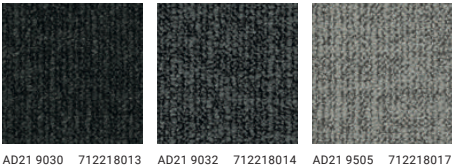
AirMaster Classic



AirMaster Earth



AirMaster Sphere





EARTH1960
SPHERE 9517

TECHNICAL DATA SHEET

Product Characteristics	Standards	DESSO AirMaster® Classic						
Type of manufacture	ISO 2424	Tufted 1/10"						
Aspect	ISO 2424	Structured loop pile						
Dye method		Solution dyed						
Dimension	EN ISO 24342	50 x 50cm (20 tiles per box)		19.68" x 19.68"				
Primary backing	ISO 2424	Colback® Gold Polyester fleece						
Secondary backing	ISO 2424	DESSO EcoBase® *- 100% recyclable, contains up to 91% recycled and bio-based content						
Pile fibre composition	ISO 2424	BCF Polyamide 6 ECONYL® (ECONYL® is made from 100% regenerated content) **						
Total thickness	ISO 1765	6.0mm		0.2"				
Effective pile thickness	ISO 1766	2.4mm		0.09"				
Total mass	ISO 8543	3850g/m²		113.6oz/yd²				
Total pile mass	ISO 2424	650g/m²		19.2oz/yd²				
Effective pile mass	ISO 8543	345g/m²		10.2oz/yd²				
Pile density	ISO 8543	0.144g/cm³		0.0052lb/in³				
Number of tufts	ISO 1763	1580/dm²		132104/yd²				
Performance Characteristics	Standards	DESSO AirMaster® Classic						
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 9.2kW/m Smoke - 103%/min						
Stroll test	ISO 6356	≤2.0 kV						
Vertical resistance	ISO 10965	≤2 x 10⁴ Ohm						
Horizontal resistance	ISO 10965	- Ohm						
Luxury rating	EN 1307	LC 1						
Dimensional stability	EN 986	≤ 0.2 %						
Impact sound reduction	ISO 10140	ΔL _w 25 dB						
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		a _s	0.00	0.06	0.07	0.17	0.27	0.37
Noise reduction	ISO 354	0.15 a _w						
Thermal resistance	ISO 8302	≤ 0.069 m²K/W						
ACCS Grading		CEHD 4* and stairs						
Sustainability Performances	Standards	DESSO AirMaster® Classic						
Cradle to Cradle®	-	Silver						
CRI Green Label Plus Certification	-	GLP 3372						
Global Green Tag	-	Level A						
Phthalate - free	-	Yes						
Recycled Content	-	68.9%						
Carbon Footprint	-	3.65kg CO ₂ eq/m² (Cradle to Gate Only) 0.81kg CO ₂ eq/m² (Cradle to Grave Only)						
Material Health Statement	-	Available						
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m³)						
ReStart® Ready		Yes						
GUI Allergy Certificate #		Certificate FST 100-051-08						

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

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.au

Disclaimer: Please note that products in photos are installed for creative purposes and not according to technical specifications. Please refer to Tarkett installation instructions for guidance.

CE

EN 14041

0493-CPR-0002

Manufactured by:

Tarkett BV

Taxandriaweg 15

NL - 5142 PA Waalwijk

GLOBAL GREEN TAG CERTIFIED

For Global Green Tag certificates please see the Tarkett Australia page at globalgreentag.com

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TECHNICAL
DATA SHEET

Product Characteristics	Standards	DESSO AirMaster® Earth
Type of manufacture	ISO 2424	Tufted 1/10"
Aspect	ISO 2424	Structured loop pile
Dye method		Solution dyed
Dimension	EN ISO 24342	50 x 50cm (20 tiles per box)19.68" x 19.68"
Primary backing	ISO 2424	Colback® Gold Polyester fleece
Secondary backing	ISO 2424	DESSO EcoBase® * - 100% recyclable, contains up to 91% recycled and bio-based content
Pile fibre composition	ISO 2424	BCF Polyamide 6 ECONYL® (ECONYL® is made from 100% regenerated content) **
Total thickness	ISO 1765	6.5mm0.3"
Effective pile thickness	ISO 1766	3.0mm0.12"
Total mass	ISO 8543	4000g/m²118.1oz/yd²
Total pile mass	ISO 2424	840g/m²24.8oz/yd²
Effective pile mass	ISO 8543	490g/m²14.5oz/yd²
Pile density	ISO 8543	0.163g/cm³0.0059lb/in³
Number of tufts	ISO 1763	1540/dm²128759/yd²
Performance Characteristics	Standards	DESSO AirMaster® Earth
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 4.7kW/m²Smoke - 225%,min
Stroll test	ISO 6356	≤2.0 kV
Vertical resistance	ISO 10965	≤1 x 10³ Ohm
Horizontal resistance	ISO 10965	- Ohm
Luxury rating	EN 1307	LC 2
Dimensional stability	EN 986	≤ 0.2 %
Impact sound reduction	ISO 10140	ΔL _w 24 dB
Sound absorption	ISO 354	Freq. Hz125250500100020004000a _s 0.010.020.060.140.320.39
Noise reduction	ISO 354	0.15 a _w
Thermal resistance	ISO 8302	≤ 0.070 m²K/W
ACCS Grading		CEHD 4* and stairs
Sustainability Performances	Standards	DESSO AirMaster® Earth
Cradle to Cradle®	-	Silver
CRI Green Label Plus Certification	-	GLP 3372
Global Green Tag	-	Level A
Phthalate - free	-	Yes
Recycled Content	-	64.2%
Carbon Footprint	-	4.00kg CO ₂ eq/m² (Cradle to Gate Only) 0.25kg CO ₂ eq/m² (Cradle to Grave Only)
Material Health Statement	-	Available
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m³)
ReStart® Ready		Yes
GUI Allergy Certificate #		Certificate FST 100-051-08

* DESSO EcoBase - 100% recyclable, contains up to 91% recycled and bio-based content. Recycled content is externally verified by Lloyds Register.
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TECHNICAL
DATA SHEET

Product Characteristics	Standards	DESSO AirMaster® Sphere
Type of manufacture	ISO 2424	Tufted 1/10"
Aspect	ISO 2424	Structured loop pile
Dye method		Solution dyed
Dimension	EN ISO 24342	50 x 50cm (20 tiles per box)19.68" x 19.68"
Primary backing	ISO 2424	Colback® Gold Polyester fleece
Secondary backing	ISO 2424	DESSO EcoBase® * - 100% recyclable, contains up to 91% recycled and bio-based content
Pile fibre composition	ISO 2424	BCF Polyamide 6 ECONYL® (ECONYL® is made from 100% regenerated content) **
Total thickness	ISO 1765	6.0mm0.2"
Effective pile thickness	ISO 1766	3.1mm0.12"
Total mass	ISO 8543	3900g/m²115.1oz/yd²
Total pile mass	ISO 2424	700g/m²20.7oz/yd²
Effective pile mass	ISO 8543	460g/m²13.6oz/yd²
Pile density	ISO 8543	0.148g/cm³0.0054lb/in³
Number of tufts	ISO 1763	1580/dm²132104/yd²
Performance Characteristics	Standards	DESSO AirMaster® Sphere
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 8.5kW/m²Smoke - 71%,min
Stroll test	ISO 6356	≤2.0 kV
Vertical resistance	ISO 10965	≤1 x 10³ Ohm
Horizontal resistance	ISO 10965	- Ohm
Luxury rating	EN 1307	LC 2
Dimensional stability	EN 986	≤ 0.2 %
Impact sound reduction	ISO 10140	ΔL _w 24 dB
Sound absorption	ISO 354	Freq. Hz125250500100020004000a _s 0.000.020.060.170.270.34
Noise reduction	ISO 354	0.15 a _w
Thermal resistance	ISO 8302	≤ 0.068 m²K/W
ACCS Grading		CEHD 4* and stairs
Sustainability Performances	Standards	DESSO AirMaster® Sphere
Cradle to Cradle®	-	Silver
CRI Green Label Plus Certification	-	GLP 3372
Global Green Tag	-	Level A
Phthalate - free	-	Yes
Recycled Content	-	62.4%
Carbon Footprint	-	3.74kg CO ₂ eq/m² (Cradle to Gate Only) 0.66kg CO ₂ eq/m² (Cradle to Grave Only)
Material Health Statement	-	Available
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m³)
ReStart® Ready		Yes
GUI Allergy Certificate #		Certificate FST 100-051-08

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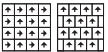
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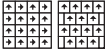
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TARKETT HUMAN-CONSCIOUS DESIGN®

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

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 net sales of € 3.4 billion in 2022. The Group employs 12,000 employees and has 25 R&D centres, 8 recycling centres 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: TKTT) © Tarkett, November 2024

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AirMaster Moodboard photography
Floor Knaapen (12, 15, 19, 39)

