

DESSO

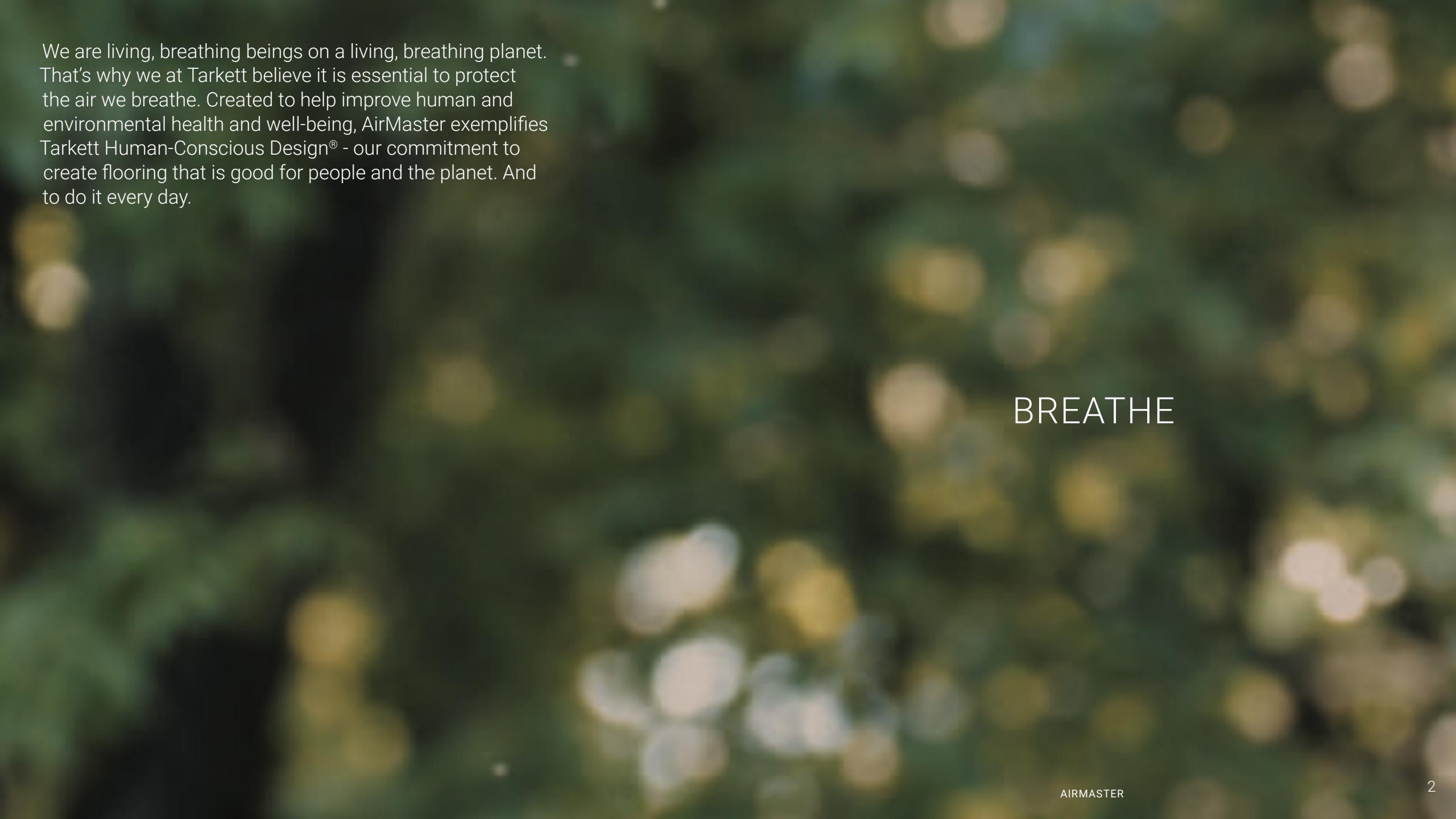
AIRMASTER®

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

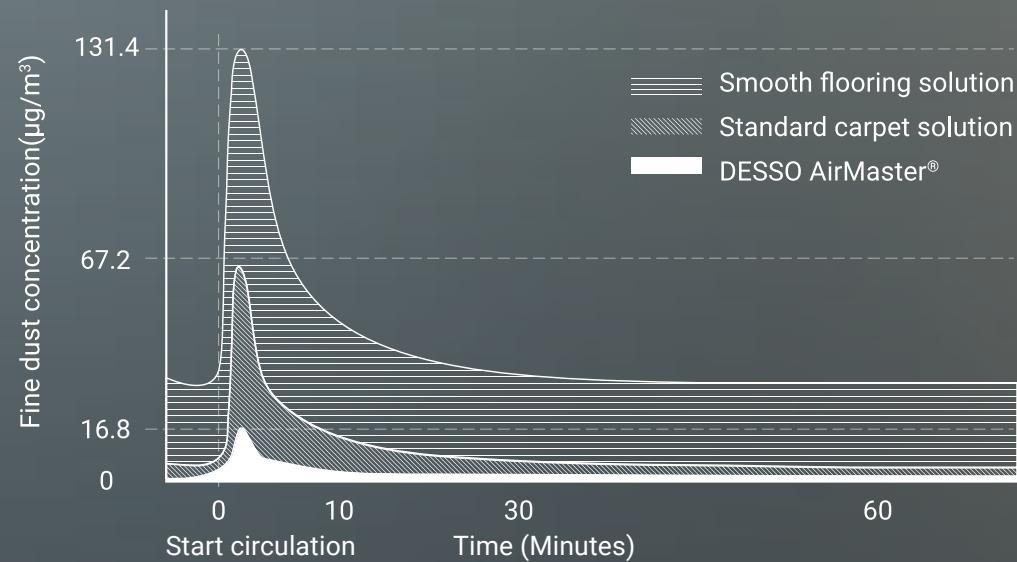
Air pollution poses a growing risk to people's health indoors, as well as out.

The average person spends 90% of their time indoors and takes some 25,000 breaths a day<sup>1</sup>. Yet air pollutant levels are 2 to 5 times higher in most buildings than outdoors<sup>2</sup>. 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.

<sup>1</sup> <https://www.asthmaandlung.org.uk/how-your-lungs-work>  
<sup>2</sup> 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 Carpet<sup>1</sup>. 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).



# 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 AIRMMASTER



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



AIRMASTER



CLASSIC 6018  
CLASSIC 2058  
EARTH 1960  
SPHERE 9517  
SPHERE 1510

AIRMASTER



## 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



# 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.



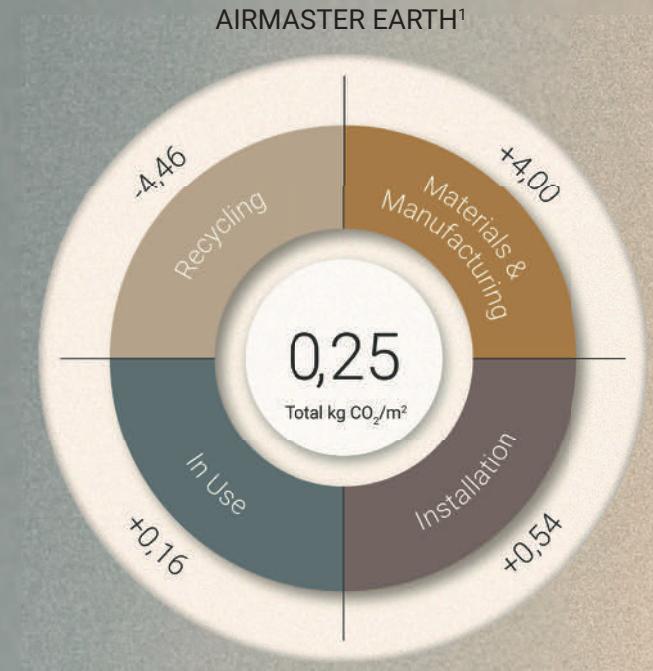


## DESSO® EcoBase®

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.

<sup>1</sup> 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 CO<sub>2</sub>/m<sup>2</sup>

EARTH

0,25  
kg CO<sub>2</sub>/m<sup>2</sup>

SPHERE

0,66  
kg CO<sub>2</sub>/m<sup>2</sup>

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 environment<sup>1</sup>.

<sup>1</sup> 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

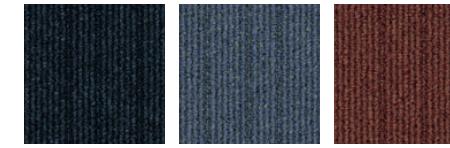


CLASSIC 9517  
CLASSIC 9517  
EARTH 2083  
SPHERE 2084  
SPHERE 2092  
BAUX PANEL CURVE - MINERALS - AIR SAND BEIGE

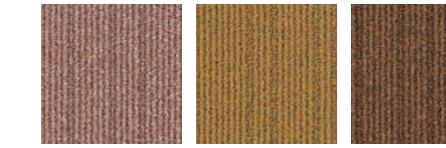
AIRMASTER



AirMaster Classic



AD20 8801 712211010 AD20 8803 712211011 AD20 2092 712211005



AD20 2084 712211004 AD20 6018 712211007 AD20 2058 712211003

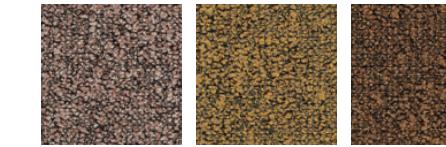


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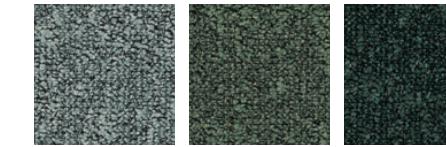
AirMaster Earth



AD31 8911 712244013 AD31 8802 712244012 AD31 2091 712244008



AD31 2083 712244007 AD31 6001 712244009 AD31 2067 712244006

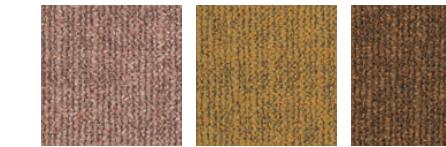


AD31 8924 712244014 AD31 7922 712244011 AD31 7921 712244010

AirMaster Sphere



AD21 8801 712218010 AD21 8803 712218011 AD21 2092 712218005

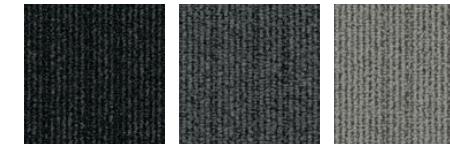


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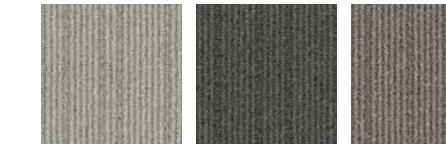


AD21 8926 712218012 AD21 7924 712218009 AD21 7912 712218008

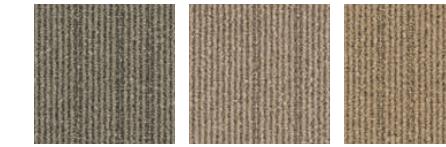
AirMaster Classic



AD20 9030 712211013 AD20 9032 712211014 AD20 9505 712211017

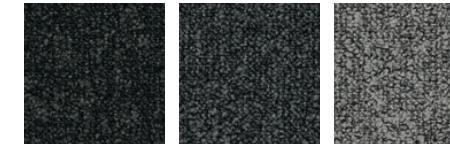


AD20 9517 712211018 AD20 9520 712211019 AD20 9107 712211016

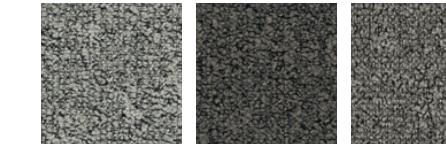


AD20 9096 712211015 AD20 1510 712211002 AD20 2926 712211008

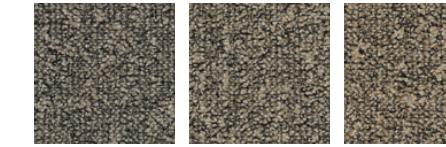
AirMaster Earth



AD31 9990 712244019 AD31 9512 712244017 AD31 9056 712244002

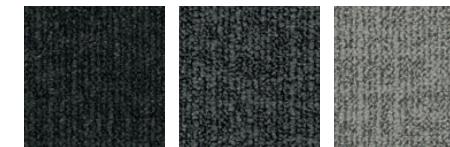


AD31 9515 712244018 AD31 9112 712244016 AD31 9535 712244003



AD31 9094 712244015 AD31 1960 712244004 AD31 2023 712244005

AirMaster Sphere



AD21 9030 712218013 AD21 9032 712218014 AD21 9505 712218017



AD21 9517 712218018 AD21 9520 712218019 AD21 9107 712218016



AD21 9096 712218015 AD21 1510 712218002 AD21 2926 712218006



# 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/m <sup>2</sup> 113.6oz/yd <sup>2</sup>
Total pile mass	ISO 2424	650g/m <sup>2</sup> 19.2oz/yd <sup>2</sup>
Effective pile mass	ISO 8543	345g/m <sup>2</sup> 10.2oz/yd <sup>2</sup>
Pile density	ISO 8543	0.144g/cm <sup>3</sup> 0.0052lb/in <sup>3</sup>
Number of tufts	ISO 1763	1580/dm <sup>2</sup> 132104/yd <sup>2</sup>

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 10 <sup>3</sup> Ohm
Horizontal resistance	ISO 10965	- Ohm
Luxury rating	EN 1307	LC 1
Dimensional stability	EN 986	≤ 0.2 %
Impact sound reduction	ISO 10140	ΔL <sub>10</sub> 25 dB
Sound absorption	ISO 354	Freq. Hz 125 250 500 1000 2000 4000 a <sub>s</sub> 0.00 0.06 0.07 0.17 0.27 0.37
Noise reduction	ISO 354	0.15 a <sub>s</sub>
Thermal resistance	ISO 8302	≤ 0.069 m <sup>2</sup> K/W
ACCS Grading		CEHD 4* and stars

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 <sub>2</sub> eq/m <sup>2</sup> (Cradle to Gate Only) 0.81kg CO <sub>2</sub> eq/m <sup>2</sup> (Cradle to Grave Only)
Material Health Statement	-	Available
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m <sup>3</sup> )
ReStart® Ready	-	Yes
GU1 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](http://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.



For Global Green Tag certificates please see the Tarkett Australia page at [globalgreenettag.com](http://globalgreenettag.com)



# 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	6.5mm	0.3"								
Effective pile thickness	ISO 1766	3.0mm	0.12"								
Total mass	ISO 8543	4000g/m <sup>2</sup>	118.1oz/yd <sup>2</sup>								
Total pile mass	ISO 2424	840g/m <sup>2</sup>	24.8oz/yd <sup>2</sup>								
Effective pile mass	ISO 8543	490g/m <sup>2</sup>	14.5oz/yd <sup>2</sup>								
Pile density	ISO 8543	0.163g/cm <sup>3</sup>	0.0059lb/in <sup>3</sup>								
Number of tufts	ISO 1763	1540/dm <sup>2</sup>	128759/yd <sup>2</sup>								
Performance Characteristics	Standards	DESSO AirMaster® Earth									
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 4.7kW/m <sup>2</sup> Smoke - 225% min									
Stroll test	ISO 6356	≤2.0 KV									
Vertical resistance	ISO 10965	≤1 x 10 <sup>9</sup> Ohm									
Horizontal resistance	ISO 10965	- Ohm									
Luxury rating	EN 1307	LC 2									
Dimensional stability	EN 986	≤ 0.2 %									
Impact sound reduction	ISO 10140	ΔL <sub>w</sub> 24 dB									
Sound absorption	ISO 354	Freq. Hz 125 250 500 1000 2000 4000	a <sub>w</sub> 0.01 0.02 0.06 0.14 0.32 0.39								
Noise reduction	ISO 354	0.15 a <sub>w</sub>									
Thermal resistance	ISO 8302	≤ 0.070 m <sup>2</sup> /K/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 <sub>2</sub> eq/m <sup>2</sup> (Cradle to Gate Only) 0.25kg CO <sub>2</sub> eq/m <sup>2</sup> (Cradle to Grave Only)									
Material Health Statement	-	Available									
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m <sup>3</sup> )									
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	6.0mm	0.2"								
Effective pile thickness	ISO 1766	3.1mm	0.12"								
Total mass	ISO 8543	3900g/m <sup>2</sup>	115.1oz/yd <sup>2</sup>								
Total pile mass	ISO 2424	700g/m <sup>2</sup>	20.7oz/yd <sup>2</sup>								
Effective pile mass	ISO 8543	460g/m <sup>2</sup>	13.6oz/yd <sup>2</sup>								
Pile density	ISO 8543	0.148g/cm <sup>3</sup>	0.0054lb/in <sup>3</sup>								
Number of tufts	ISO 1763	1580/dm <sup>2</sup>	132104/yd <sup>2</sup>								
Performance Characteristics	Standards	DESSO AirMaster® Sphere									
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 8.5kW/m <sup>2</sup> Smoke - 71% min									
Stroll test	ISO 6356	≤2.0 KV									
Vertical resistance	ISO 10965	≤1 x 10 <sup>9</sup> Ohm									
Horizontal resistance	ISO 10965	- Ohm									
Luxury rating	EN 1307	LC 2									
Dimensional stability	EN 986	≤ 0.2 %									
Impact sound reduction	ISO 10140	ΔL <sub>w</sub> 24 dB									
Sound absorption	ISO 354	Freq. Hz 125 250 500 1000 2000 4000	a <sub>w</sub> 0.00 0.02 0.06 0.14 0.32 0.34								
Noise reduction	ISO 354	0.15 a <sub>w</sub>									
Thermal resistance	ISO 8302	≤ 0.068 m <sup>2</sup> /K/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 <sub>2</sub> eq/m <sup>2</sup> (Cradle to Gate Only) 0.66kg CO <sub>2</sub> eq/m <sup>2</sup> (Cradle to Grave Only)									
Material Health Statement	-	Available									
Total VOC Emissions (after 28 days)	EN 16516	Gold (≤ 100 µg / m <sup>3</sup> )									
ReStart® Ready	-	Yes									
GUI Allergy Certificate #		Certificate FST 100-051-08									

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	EN 14041 0493-CPR-0002	Manufactured by: Tarkett BV Taxandriaweg 15 NL - 5142 PA Waalwijk		For Global Green Tag certificates please see the Tarkett Australia page at <a href="http://globalgreenstag.com">globalgreenstag.com</a>							
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## Tarkett Australia

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Baulkham Hills, NSW 2153

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

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

