

# DESSO AirMaster® Sphere

18 contemporary colours

Improves indoor air quality

Standard with EcoBase®  
backing

Low circular carbon  
footprint

Compliments AirMaster®  
Classic & Earth collections

[WWW.TARKETT.COM.AU](http://WWW.TARKETT.COM.AU)

DESSO

Tarkett

# TECHNICAL DATA SHEET

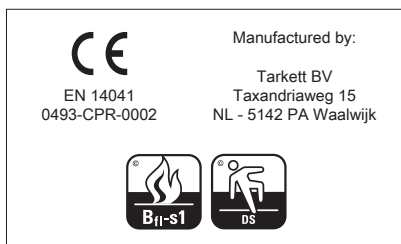
Product Characteristics	Standards	DESSO AirMaster® Sphere
Type of manufacture	ISO 2424	Tufted 1/10*
Aspect	ISO 2424	Structured loop pile
Dye method		Solution dyed
Dimension	EN ISO 24342	50 x 50cm (20 tiles per box) 19.68" x 19.68"
Primary backing	ISO 2424	Colback® Gold Polyester fleece
Secondary backing	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/m² 115.1oz/yd²
Total pile mass	ISO 2424	700g/m² 20.7oz/yd²
Effective pile mass	ISO 8543	460g/m² 13.6oz/yd²
Pile density	ISO 8543	0.148g/cm³ 0.0054lb/in³
Number of tufts	ISO 1763	1580/dm² 132104/yd²
Performance Characteristics	Standards	DESSO AirMaster® Sphere
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 8.5kW/m² Smoke - 71%.min
Stroll test	ISO 6356	≤2,0 kV
Vertical resistance	ISO 10965	≤1 x 10⁹ 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>s</sub> 0.00 0.02 0.06 0.17 0.27 0.34
Noise reduction	ISO 354	0.15 a <sub>w</sub>
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 <sub>2</sub> eq/m² (Cradle-to-Gate only) 0.66kg CO <sub>2</sub> 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.

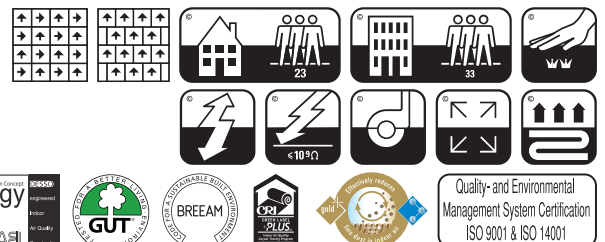
\*\*ECONYL® is made from 100% regenerated content.

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](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 [globalgreentag.com](http://globalgreentag.com)



**Tarkett Australia**  
**Suite 1, Level 3, 3 Columbia Court, Baulkham Hills, NSW 2153**  
**(02) 8853 1200**  
[customerservice@tarkett.com](mailto:customerservice@tarkett.com)  
[www.tarkett.com.au](http://www.tarkett.com.au)

