

# DESSO Essence Roots

12 Softly textured colours

Designed to mix & match

100% recyclable

Standard with EcoBase®

Cradle-to-Cradle® Silver

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

DESSO

Tarkett

# TECHNICAL DATA SHEET

Product Characteristics	Standards	DESSO Essence Roots							
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	Polyester fleece							
Secondary backing	ISO 2424	DESSO EcoBase®* - 100% recyclable, contains upto 91% recycled bio-based content.*							
Pile fibre composition	ISO 2424	BCF Polyamide 6							
Total thickness	ISO 1765	6.5mm				0.3"			
Effective pile thickness	ISO 1766	3.4mm				0.13"			
Total mass	ISO 8543	4050g/m <sup>2</sup>				119.5 oz/yd <sup>2</sup>			
Total pile mass	ISO 2424	580g/m <sup>2</sup>				17.1 oz/yd <sup>2</sup>			
Effective pile mass	ISO 8543	380g/m <sup>2</sup>				11.2 oz/yd <sup>2</sup>			
Pile density	ISO 8543	0.112g/cm <sup>3</sup>				0.0040 lb/in <sup>3</sup>			
Number of tufts	ISO 1763	1580/dm <sup>2</sup>				132104/yd <sup>2</sup>			
Performance Characteristics	Standards	DESSO Essence Roots							
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 9.8kW/m <sup>2</sup> Smoke - 30%.min							
Stroll test	ISO 6356	≤2.0 kV							
Vertical resistance	ISO 10965	- 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>w</sub> 25 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	0.29	0.37	
Noise reduction	ISO 354	0.20 a <sub>w</sub>							
Thermal resistance	ISO 8302	≤ 0.078 m <sup>2</sup> K/W							
ACCS Grading		CEHD 4* and stairs							
Sustainability Performances	Standards	DESSO Essence Roots							
Cradle-to-Cradle®	-	Silver							
CRI Green Label Plus Certification	-	GLP 3372							
Global Green Tag	-	Level A							
Phthalate - free	-	Yes							
Recycled Content	-	49.2%							
Carbon Footprint	-	8.23kg CO <sub>2</sub> eq/m <sup>2</sup> (Cradle-to-Gate only) 5.06kg 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® 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 CM 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](http://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.

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.



EN 14041  
0493-CPR-0002

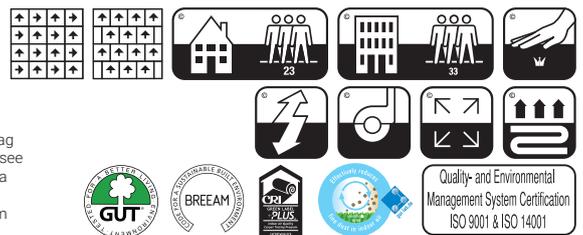
Manufactured by:

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



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