

Forbo Environmental Data Sheet

Product name	Sphera
Product description	Sphera is Forbo's premium, homogeneous vinyl collection. Using the latest production technology in an advanced purpose-built manufacturing plant, the produce complies with EN-ISO 10581
Manufacturing location	Coevorden, Netherlands
Site accreditation	ISO14001, ISO 9001, SA8000®






Our footprint – how it's made

Environmental data

Total recycled content of product by weight. This ensures a 100% phthalate free product	0%
Post industrial recycled content	0%
Post consumer recycled content	0%
% renewable electricity used	100%

Independent assessment and rating

ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
Sphera is made in a facility certified to SA8000®	

Your footsteps – how it performs

Health and well being

AgBB/DiBT	Pass
Phthalates	Phthalate-free
TVOC after 28 days	≤ 10 µg/m ³

Installation

Recommended adhesives	Recommended adhesive for the Sphera collection is Eurosafe Special 540, a solvent free adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 640 Eurostar special should be used.
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Maintenance

Sphera is easy to clean and maintain thanks to its PU laquer which is applied before embossing to ensure the thickness is consistent over the surface of the product

End of life

Can be recycled or used in waste to energy application

Contribution to Green Building Schemes

BREEAM

BREEAM ratings (generic) Homogeneous vinyl floor coverings (EN649)	Building Type				Retail (Durability)	Retail (Fashion)
	Offices	Schools	Healthcare	Homes		
	A	A+	A+	A	A+	A+

Ska scheme (RICS)

M12 soft floor covering criteria (Ska Offices Vs 1.2 2013)	Meets
M12 soft floor covering criteria (Ska Retail Vs 1.0 2012)	Meets
M12 soft floor covering criteria (Ska Higher Education Vs 1.0 2016)	Meets

LEED (version 2.2)

Potential direct or indirect contribution to following categories and credits:	Materials and Resources	Materials and resources - construction waste management through Back To The Floor, credit 2
		Regional materials, credit 5
	Indoor environmental quality	Low emitting materials credit 4.3

Forbo design principles (Reduce, Recycle, Reuse, Renew)

Reduce	Brand new technology means there is no back sanding requirement, reducing the amount of raw materials used
Reuse	Installation waste can be collected and recycled into Forbo products through our Back to the Floor scheme
Recycle	We recycle our production waste into the backing of heterogeneous vinyl products produced in the same plant so Sphera is produced in a zero waste environment
Renew	100% of the electricity used is from a renewable source