

## Forbo Environmental Data Sheet

<b>Product name</b>	<b>Sphera</b>
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
Range names	Sphera Element / Energetic / Evolution



### Our footprint – how it's made

#### Environmental data

Total recycled content of product by weight	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	
ISO 45001 Occupational Health and Safety Management	
Sphera is made in a facility certified to SA8000	

#### Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	5.92 kg CO <sub>2</sub> eq/m <sup>2</sup>
	Use (1 year)	0.331 kg CO <sub>2</sub> eq/m <sup>2</sup>

### Your footsteps – how it performs

#### Health and well being

AgBB/DiBT	Pass
CHPS 01350	Phthalate-free
TVOC after 28 days	≤ 10 µg/m <sup>3</sup>

#### Installation

Recommended adhesives	The recommended adhesive for the Sphera collection is Eurocol 640 Eurostar Special, a solvent free adhesive.  Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then this low emission adhesive 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 2014**

BREEAM ratings (generic)	Building Type				Retail (Durability)	Retail (Fashion)
Homogeneous vinyl floor coverings (EN649)	Office	Education	Health	Domestic		
	A	A+	A+	A	A+	A+

**BREEAM 2018**

Compliant through EPD declaration number 4788294459.103.1 valid until Feb 2023

**Ska scheme (RICS)**

M12 soft floor covering criteria	(Ska Offices Vs 1.2 2013) Meets	(Ska Retail Vs 1.0 2012) Meets	(Ska Higher Education Vs 1.0 2016) Meets
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**LEED (version 4)**

Potential direct or indirect contribution to following categories and credits:	<b>Materials and Resources</b>	Building product disclosure and optimisation - EPD up to 2 points
		Regional materials, credit 5
		Construction and demolition waste management up to 2 points
	<b>Indoor environmental quality</b>	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

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

<b>Reduce</b>	Brand new technology means there is no back sanding requirement, reducing the amount of raw materials used
<b>Reuse</b>	Installation waste can be collected through our Back to the Floor scheme
<b>Recycle</b>	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
<b>Renew</b>	100% of the electricity used is from a renewable source

**Detailed environmental product declarations and full Life Cycle Analysis**

visit [www.forbo-flooring.co.uk/downloads](http://www.forbo-flooring.co.uk/downloads) for more information