

## Forbo Environmental Data Sheet

<b>Product name</b>	<b>Sphera SD/EC</b>
Product description	Forbo's Sphera SD/EC collection is a conductive homogeneous vinyl flooring product specifically designed to control static discharge in sensitive areas such as cleanrooms, operating theatres and the electronics industry. Product complies with all requirements of EN-ISO 10581
Manufacturing location	Coevorden, Netherlands
Site accreditation	ISO14001, ISO 9001



### 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	
OHSAS 18001 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	Sphera products comply to 01350 indoor air quality standard
Impact sound reduction	3 dB

#### Installation

Recommended adhesives	Adoption of best practice in relation to installation techniques including subfloor preparation is essential to ensure the optimum performance and life expectancy of the floor covering. Forbo recommends the use of 641 Eurostar Special EL adhesive.
-----------------------	---

**Maintenance**

The surface of Sphera can be fully repaired extending the useful life of the product

**End of life**

Can be recycled or used in waste to energy application

**Contribution to Green Building Schemes**

**BREEAM 2014**

Homogeneous polyvinyl chloride floor covering (EN649)	<b>Building Type</b>				Retail (Durability)	Retail (Fashion)
	Office	Education	Healthcare	Homes		
	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
----------------------------------	------------------------------------	-----------------------------------	---

**LEED (version 4.1)**

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
		Building product disclosure and optimisation - sourcing of raw materials - up to 1 point
		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>	Introduction of lean production techniques has reduced the amount of waste produced
<b>Reuse</b>	Waste from the production process is reused
<b>Recycle</b>	Sphera is 100% recyclable
<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