

## 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 / Elite



### 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.

More information about adhesives and environmental impact via [info.eurocol@forbo.com](mailto:info.eurocol@forbo.com).

Installation off-cuts of Sphera can be collected via our **Back to the Floor** scheme and recycled back into new flooring at our plant in Coevorden.

**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-NL**

Potential direct or indirect contribution to following categories and credits:

**New Building and Renovation** MAT01 Environmental impact of building materials  
MAT03 Responsible sourcing of building materials

**In-Use** RSC11 Measures for future re-use of materials and waste  
RSC16 Circular origin of incoming products and materials

**LEED (version 4)**

Potential direct or indirect contribution to following categories and credits:

**Materials and Resources** Building product disclosure and optimisation  
Regional materials, credit 5  
Construction and demolition waste management

**Indoor environmental quality** Low emitting materials  
Acoustic performance

**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 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

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

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