

Forbo Environmental Data Sheet

Product name	Sphera SD/EC
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 ₂ eq/m ²
	Use (1 year)	0.331 kg CO ₂ eq/m ²

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	Forbo recommends the use of 641 Eurostar Special EL low emission conductive PVC adhesive. More information about adhesives and environmental impact via 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.
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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-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

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:

Materials and Resources Building product disclosure and optimisation

Building product disclosure and optimisation - sourcing of raw materials

Construction and demolition waste management

Indoor environmental quality Low emitting materials

Acoustic performance

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

Reduce Introduction of lean production techniques has reduced the amount of waste produced

Reuse Waste from the production process is reused

Recycle Sphera is 100% recyclable

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 for more information