

# ENVIRONMENTAL TRANSPARENCY PASSPORT



Sphera homogeneous vinyl | 01.01.2026 | EPD reference 4791394447.102.1

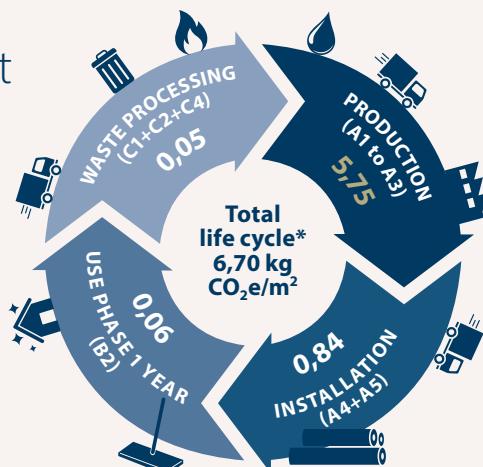
## Creating Better Environments

Forbo Flooring Systems 'Going Round, Moving Forward' philosophy underscores our commitment to circular economy principles, emphasizing the importance of entire product lifecycle sustainable practices. Our Sustainability Strategy 2030 is focusing on three core pillars: reducing CO<sub>2</sub> emissions, enhancing circularity, and putting people at the center of everything we do. We want to be your trusted partner who provides full transparency when it comes to circular flooring solutions and carbon footprint. Our focus topics are aligned with multiple United Nations Sustainable Development Goals (SDGs). Since 2012 our Sustainability Report is done in reference to the guidelines of the Global Reporting Initiative (GRI).

Life cycle environmental impact  
Sphera (Element, Energetic, Essence)



SCAN/CLICK ME



\*EPD End of life scenario landfill

### HEALTHY, NATURAL MATERIALS

- Sphera is made from up to 34% natural raw materials
- phthalate free plasticizers
- REACH compliant
- Excellent indoor air quality: low TVOC's  $\leq 0,01 \text{ mg/m}^3$
- Health product declaration available



### CLEAN AIR AND CLIMATE PROTECTION

- 100% renewable electricity
- Continuous energy reduction and climate transition projects



### CIRCULAR PRODUCT

**Reduce: Design out waste and pollution**

- Zero waste production. Very efficient processes without backsanding. The little waste created gets recycled into new vinyl floors.
- Circular industry partnerships

**Re-use & recycle: Keep materials in use**

- Our Back-to-the-Floor program offers a post-consumer recycling process
- Contains at least 29% -34% recycled content

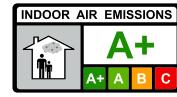


### SOCIAL FAIRNESS, WATER & SOIL STEWARDSHIP

- Sphera is manufactured at a SA8000® - certified organisation, proving development, maintenance and application of socially acceptable practices.
- Producing Sphera does not require water
- Due diligence policy on child labour and conflict materials



## GLOBAL THIRD PARTY CERTIFIED PRODUCT



Check our website for more information



Healthy natural materials	Third party verified	Composition Sphera sheet						
Product description	Sphera sheet <a href="#">link to tech. spec sheet</a>	Component	Material	Availability			Origin	
DoP				CAS number	Renewable	Recycled		
All material content assures a positive impact on product quality and future circularity	Free of plasticisers and phthalates. REACH compliant	Polymer Binder	PVC	9002-86-2	No	No	Yes	Europe
Low TVOC	CDPH French VOC Regulation & CMR components Italian CAM Edilizia BG/AgBB Belgian Regulation Indoor Air Comfort GOLD Blue Angel (DE-UZ 120) BREEAM International BREEAM NOR EU Taxonomy LEED v4.1 BETA (outside U.S.)	Softener Binder	Plasticizer oils; DOTP	6422-86-2	No	No	Yes	Europe
		Stabilisers Binder & process additives	Proprietary mixtures & lubricants	95370-96-0	No	No	Yes	Europe
		Pigments	Titanium dioxide & others	13463-67-7	No	No	Limited mineral	Europe
		Filler	Chalk filler	417-34-1	No	Yes	Abundant mineral	Europe
		Finish	PU lacquer	Proprietary	No	No	Yes	Europe

Health Product Declaration [Link to online HPD](#)

Product Carbon Footprint	Third party verified	Biogenic carbon content *	
Environmental Product Declaration	<a href="#">Link to online EPD</a>	kg CO <sub>2</sub> equiv./m <sup>2</sup>	
Cradle to gate (A1 to A3)* (Embodied carbon)	kg CO <sub>2</sub> equiv./m <sup>2</sup> 5,75	Sphera 0,30	
Cradle to grave (1 year) Landfill (A1 to C4)*	6,70	Clean energy use	
Cradle to grave (1year) Incineration (A1 to C3)	12,38	Achievements	

Circular product				Fixation type	
Product weight				Glued down	
Total recycled content*				% residues of installation	
* Pre-consumer non-flooring recycled content 29-34%				Sheet = 4,5%	
Renewable content				Product service life	
0%				20 years <sup>+</sup>	
				Repairability	
				No	
				Recyclability of cut-offs, post-use	
				Back-to-the-Floor program	
				Customer/project circularity certification available. Packaging from recycled source and/or recyclable	
				 BACK TO THE FLOOR RECYCLING PROGRAM	

## SUSTAINABILITY STRATEGY 2030 - OUR TARGETS

Environmental				Social			Governance		
 <b>-45%</b> scope 1 & 2 GHG emissions*	 <b>-30%</b> scope 3 GHG emissions*	 <b>≥30%</b> of raw materials are renewable*	 <b>≥40%</b> of raw materials are recycled*	 <b>≤3</b> lost time injury frequency rate**	 <b>≥1.5%</b> of wage invested in training**	 <b>ALL</b> sales organizations have at least one welfare project per year**	 <b>100%</b> whistleblower policy in place**	 <b>BONUS</b> targets based on ESG KPIs integrated in bonus plan**	 <b>SA8000</b> social accountability management system active in all sites*
 <b>≥50%</b> renewable energy*	 <b>≥95%</b> packaging designed for reuse, recycling or composting*	 <b>≥95%</b> of production waste is reused or recycled*	 <b>20x</b> tonnes post- consumer waste collected**	 <b>≥75%</b> of suppliers spent audited on social and environmental criteria*	 <b>ACTIVE</b> child labour and conflict mineral due diligence policy**	 <b>DEI</b> diversity, equity and inclusion policy framework in place**	 <b>ISO9001</b> quality management system continuously improved*	 <b>ISO14001</b> environmental management system continuously improved*	 <b>≥95%</b> floors sold with third party verified EPD*

Base year 2023: \* applies to all our production sites | \*\* applies to all our production sites and sales offices

Contribution to sustainable building schemes		Sphera flooring contributes to the environmental and well-being scores in building rating schemes, on many criteria and therewith meets the building requirements today and in the future. From recycled raw material usage, to low VOC's and the availability of a post-consumer recycling program, HPD and EPD and GRI sustainability reporting. We provide full transparency and required information for your environmental and healthy building scope.	
BREEAM			
LEED			
Australian Green building council			
Ska scheme (RICS)		Meets M12 soft floor covering criteria (Ska Offices Vs 1.2, Ska Retail Vs 1.0, Ska Higher Education Vs 1.0)	