

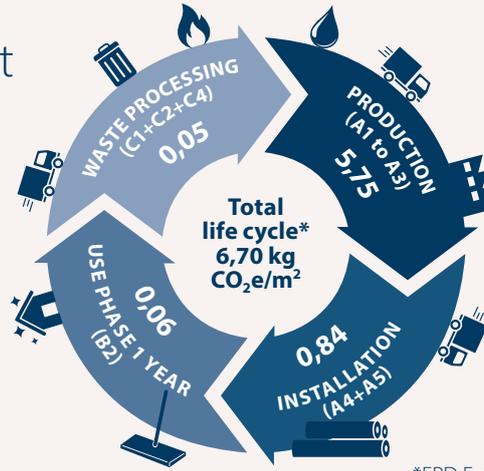
ENVIRONMENTAL TRANSPARENCY PASSPORT

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 CO₂ 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)



*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 ≤ 0,01 mg/m³
- 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
Product description DoP	Sphera sheet link to tech. spec sheet
All material content assures a positive impact on product quality and future circularity	Free of phthalates. REACH compliant
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.)
Health Product Declaration	Link to online HPD

Composition Sphera sheet						
Component	Material	Availability				Origin
		CAS number	Renewable	Recycled	Non-Renewable	
Polymer Binder	PVC	9002-86-2	No	No	Yes	Europe
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

Product Carbon Footprint	Third party verified
Environmental Product Declaration	Link to online EPD
Cradle to gate (A1 to A3)* (Embodied carbon)	kg CO ₂ equiv. /m ² 5,75
Cradle to grave (1 year) Landfill (A1 to C4)*	6,70
Cradle to grave (1year) Incineration (A1 to C3)	12,38

Biogenic carbon content *	0,30	kg CO ₂ equiv./m ²
* 1kg biogenic carbon (C) equals 44/12 kg CO ₂		

Clean energy use	100% renewable electricity
Achievements	Sustainability report

Circular product			
	Element	Energetic	Essence
Product weight	2.9 kg/m ²	2.85 kg/m ²	2.8 kg/m ²
Total recycled content* <small>* Pre-consumer non-flooring recycled content 29-34%</small>	34%	34%	29%
Renewable content	0%	0%	0%

Fixation type	Glued down
% residues of installation	Sheet = 4,5%
Product service life	20+ years
Repairability	No
Recyclability of cut-offs, post-use <small>Customer/project circularity certification available. Packaging from recycled source and/or recyclable</small>	Back-to-the-Floor program



SUSTAINABILITY STRATEGY 2030 - OUR TARGETS

Environmental	Social	Governance
<ul style="list-style-type: none"> -45% scope 1 & 2 GHG emissions* -30% scope 3 GHG emissions* ≥30% of raw materials are renewable* ≥40% of raw materials are recycled* ≥50% renewable energy* ≥95% packaging designed for reuse, recycling or composting* ≥95% of production waste is reused or recycled* 20x tonnes post-consumer waste collected** 	<ul style="list-style-type: none"> ≤3 lost time injury frequency rate** ≥1.5% of wage invested in training** ALL sales organizations have at least one welfare project per year** ≥75% of suppliers spent audited on social and environmental criteria* ACTIVE child labour and conflict mineral due diligence policy** DEI diversity, equity and inclusion policy framework in place** 	<ul style="list-style-type: none"> 100% whistleblower policy in place** BONUS targets based on ESG KPIs integrated in bonus plan** SA8000 social accountability management system active in all sites* ISO9001 quality management system continuously improved* ISO14001 environmental management system continuously improved* ≥95% 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	
BREEAM LEED Australian Green building council Ska scheme (RICS)	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. Meets M12 soft floor covering criteria (Ska Offices Vs 1.2, Ska Retail Vs 1.0, Ska Higher Education Vs 1.0)