

ENVIRONMENTAL TRANSPARENCY PASSPORT



Sphera Elite b+ homogeneous vinyl | 01.01.2026 | EPD reference 4791394447.106.1

Creating Better Environments

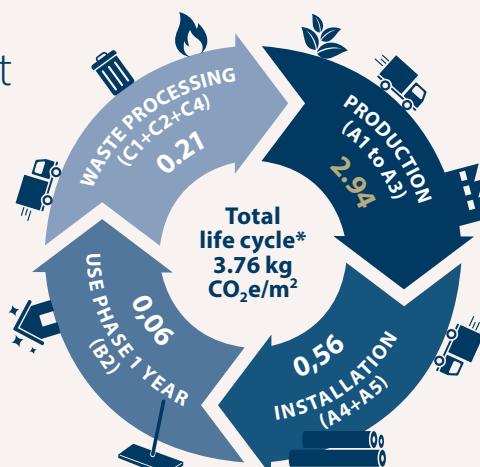
Forbo Flooring Systems 'Going Round, Moving Forward' philosophy underscores our commitment to circular economy principles, emphasizing the importance of entire product lifecycle sustainable practices. Our Sustainability Strategy 2030 is focusing on three core pillars: reducing CO₂ emissions, enhancing 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 Elite b+



SCAN/CLICK ME



*EPD End of life scenario landfill

HEALTHY, NATURAL MATERIALS

- Sphera Elite b+ contains 50% natural raw materials
- Sphera Elite b+ contains 23% bio-based materials (EN17861:2023)
- 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

- Lower carbon footprint than average premium homogenous vinyl flooring, without offsetting
- 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 backtracking. The little waste created gets recycled into new vinyl floors.
 - Circular industry partnerships

- Re-use & recycle: Keep materials in use**
 - Bio-circular PVC (UCO), not competing with the food chain.
 - Contains 43% recycled content
 - Our Back-to-the-Floor program offers a post-consumer recycling process

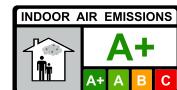


SOCIAL FAIRNESS, WATER & SOIL STEWARDSHIP

- Sphera Elite b+ is manufactured at a SA8000® certified organisation, proving development, maintenance and application of socially acceptable practices.
- The manufacturing process of Sphera Elite b+ 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 Elite b+ sheet				
Product description DoP	Sphere Elite b+ sheet link to tech. spec sheet	Component	Material	Availability				Origin
				CAS number	Renewable	Recycled	Non-Renewable	
All material content assures a positive impact on product quality and future circularity	Free of plasticisers and phthalates. REACH compliant	Polymer Binder	Bio-circular PVC (UCO based)	9002-86-2	Partly (43%)*	Partly (43%)*	Abundant mineral (57%)	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

* Only the ethylene part (typically fossil-based) of the bio-circular PVC can come from a bio-based source: the other part is the chlorine (salt), which is an abundant mineral.

Product Carbon Footprint	Third party verified	Biogenic carbon content *	kg CO ₂ equiv./m ²
Environmental Product Declaration	Link to online EPD		
Cradle to gate (A1 to A3)* (Embodied carbon)	kg CO ₂ equiv./m ² 2.94	* 1kg biogenic carbon (C) equals 44/12 kg CO ₂	0.01
Cradle to grave (1 year) Landfill (A1 to C4)*	3.76		
Cradle to grave (1 year) Incineration (A1 to C3)	5.14	Clean energy use	100% renewable electricity
		Achievements	Sustainability report

Circular product	
Product weight	2.7 kg/m ²
Total recycled content*	43%
* Pre-consumer non-flooring	
Renewable content	54%
Fixation type	Glued down
% residues of installation	Sheet = 4,5%
Product service life	20+ years
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	

SUSTAINABILITY STRATEGY 2030 - OUR TARGETS



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

Contribution to sustainable building schemes	
BREEAM	Sphera Elite b+ 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.
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)