

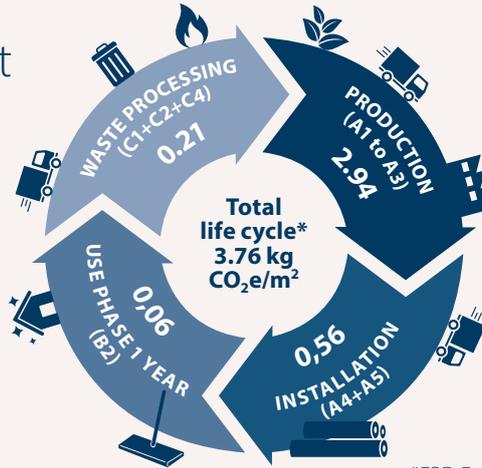
ENVIRONMENTAL TRANSPARENCY PASSPORT

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+



*EPD End of life scenario landfill

HEALTHY, NATURAL MATERIALS

- Sphera Elite b+ contains 24% bio-based materials (EN17861:2023)
- Sphera Elite b+ contains 19% 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

- 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 backsanding. 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
Product description DoP	Sphera Elite b+ 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 Elite b+ sheet						
Component	Material	Availability			Origin	
		CAS number	Renewable	Recycled		Non-Renewable
Polymer Binder	Bio-circular PVC (UCO based)	9002-86-2	Partly (43%)*	Partly (43%)*	Abundant mineral (57%)	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

* 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
Environmental Product Declaration	Link to online EPD
Cradle to gate (A1 to A3)* (Embodied carbon)	kg CO ₂ equiv. /m ² 2.94
Cradle to grave (1 year) Landfill (A1 to C4)*	3.76
Cradle to grave (1year) Incineration (A1 to C3)	5.14

Biogenic carbon content *	0.01 kg CO ₂ equiv./m ²
* 1kg biogenic carbon (C) equals 44/12 kg CO ₂	

Circular product	
Product weight	2.7 kg/m ²
Total recycled content* * Pre-consumer non-flooring	43%
Renewable content* * Bio-based material, allocated via mass balance approach.	24%

Clean energy use	100% renewable electricity
Achievements	Sustainability report
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

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 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. Meets M12 soft floor covering criteria (Ska Offices Vs 1.2, Ska Retail Vs 1.0, Ska Higher Education Vs 1.0)