



Eva-tech 

EVA-TECH SELF-DECLARED ENVIRONMENTAL STATEMENT

EVA-LAST®
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SELF-DECLARED ENVIRONMENTAL STATEMENT

Eva-tech decking | Product environmental claims

This self-declared environmental statement presents product-specific environmental claims for **Eva-tech decking**, with reference to **ISO 14021:2026** and **ISO 14020:2022**.

It applies to Eva-tech deck boards represented by the **Eva-tech Technical Data Sheet, Version A1.0, dated 23 March 2023**, and the supporting controlled evidence identified in this statement. Packaging, substructure, transport and end-of-life processing are outside the declared product scope. Installation-related statements refer to the prescribed board attachment and installation methods; fasteners and substructure materials are not included in the declared material composition.

The claims are supported by controlled product documentation and test evidence. This statement is not an Environmental Product Declaration (EPD), ecolabel, certification or independent third-party environmental verification.

Product identification

Product	Eva-tech decking
Application	Exterior decking
Manufacturer	Eva-Last
Product technology	Bamboo-cellulose / polyethylene composite

Product specifications

Category	Detail
Product and construction	Cellulose-polymer composite decking manufactured from polyethylene, bamboo-derived cellulose fibre, calcium carbonate and additives
Profile options	I-Series optimised profiles and solid decking profiles
Installation	Mechanical fastening using approved hidden clips or applicable top-fixing methods
Routine care	Water, dishwashing liquid and ordinary cleaning tools in accordance with the Eva-tech Cleaning and Care Guide
Protective surface treatment	No scheduled staining, sealing or equivalent protective refinishing required

The Installation Guide specifies mechanical fastening systems and profile-specific installation requirements. The Cleaning and Care Guide requires routine cleaning and therefore Eva-tech is **not described as maintenance-free**.

Material composition summary

Layer	Composition summary	Mass basis
Core / product body	Polyethylene (PE) 25%; cellulose fibre (bamboo fibre) 56%; calcium carbonate 15%	Included in total product composition
Additional additives	Other additives 4%	Included in total product composition

The simplified material composition is taken from the Apex Plus Technical Data Sheet. Apex Plus and Eclipse are essentially variations of the same material. Apex plus having a double layer cap of the same material, with layers of colours and Eclipse having a single layer cap of the same material.

The Apex GFR SDS provides additional constituent information and identifies the product as a construction-material mixture containing PVC, calcium carbonate, acrylic copolymer, glass material and other additives.

SUPPORTING DOCUMENTATION

Subject	Controlled evidence
Product performance, composition and sectional properties	Eva-tech Technical Data Sheet, Version A1.0, 23 March 2023
Material composition and safety	Eva-tech Material Safety Data Sheet, Version 1.0, SDS ID 211108012SHF04, Eva-Last issue 16 January 2024; underlying Intertek issue 7 December 2021
Care and maintenance	Eva-tech Cleaning and Care Guide, Version V1, 28 March 2023
Installation, replacement and disassembly	Eva-tech Decking Installation Guide, Version C1.0, 3 November 2024
Installation controls	Eva-tech Critical Installation Points, supplied controlled document
SVHC assessment	Intertek Test Report 180428003SHF-BP-1, issued 14 May 2018

Supporting documentation is retained by Eva-last HK SA (Pty) Ltd. Publicly available product documents may be accessed through the Eva-Last downloads section.

ENVIRONMENTAL CLAIMS

1. Durability & maintenance

Specific self-declared environmental claim – ISO 14021:2026 general requirements

Claim	Scope	Basis and supporting evidence
Durable exterior performance without scheduled protective refinishing.	Eva-tech does not require scheduled staining, sealing or equivalent preservative treatment to maintain its intended exterior performance. Routine cleaning remains required.	The Eva-tech Cleaning and Care Guide, Version V1, 28 March 2023, states that the product can be maintained without treatments, stains or sealants and specifies routine cleaning using water, dishwashing liquid and ordinary cleaning tools. The Eva-tech TDS, Version A1.0, contains mechanical and weathering performance evidence, including flexural performance before and after cyclic weathering. This supports a durability and maintenance claim but is not presented as an ISO Extended life claim.

2. Repairability

System-level repairability – ISO 14021:2026 Clause 8.13

Claim	Scope	Basis and supporting evidence
Local repair without replacing the complete deck surface.	Individual damaged Eva-tech boards within a mechanically fastened decking system can be addressed locally rather than requiring replacement of the complete installed deck surface. The claim applies at the installed decking-system level; an affected board is replaced rather than the composite board material itself being repaired.	Eva-tech forms part of a mechanically fastened decking system using approved hidden clips and applicable top-fixing arrangements. Individual board-to-substructure connections permit local intervention rather than treating the installed deck as a permanently bonded surface. Replacement remains subject to installation configuration, access and availability of compatible replacement components. Evidence: Eva-tech Decking Installation Guide, Version C1.0.

3. Designed for disassembly

ISO 14021:2026 Clause 8.2

Claim	Scope	Basis and supporting evidence
Designed for disassembly in mechanically fastened installations.	Eva-tech deck boards are attached using approved hidden clips or applicable top-fixing screws rather than permanent adhesive bonding. Individual board-to-substructure connections can therefore be reversed using conventional installation tools, subject to the installation configuration and access.	The Eva-tech Installation Guide, Version C1.0, documents mechanically fastened board systems, including Chain/S-series hidden fasteners and applicable top-fixing arrangements. The installation drawings show defined board-to-substructure connections rather than permanent bonding. Certain I-Series profiles have specific restrictions on top fixing which remain applicable.

4. Reduced resource use

ISO 14021:2026 Clause 8.20 – Reduced resource use

Claim	Scope	Basis and supporting evidence
Reduced composite material through optimised I-Series profile geometry.	Eva-tech I-Series decking profiles use an optimised sectional geometry that reduces the quantity of composite material required compared with the Eva-tech solid ST02AD decking profile. Based on sectional area normalised for board width, the current I-Series decking profiles use approximately 37–47% less composite material per unit board width. The comparison addresses material quantity and does not imply identical structural performance, span capability or installation requirements between profiles.	The Eva-tech TDS sectional-property data reports ST01AEF: 1,717 mm ² at 137 mm width; ST01AEN: 1,687 mm ² at 137 mm width; ST02AEN: 1,994 mm ² at 137 mm width; and solid ST02AD: 3,388 mm ² at 146 mm width. Normalising sectional area by board width gives approximately 12.53, 12.31 and 14.55 mm ² /mm for the I-Series profiles compared with 23.21 mm ² /mm for ST02AD. This corresponds to nominal reductions of approximately 46.0%, 46.9% and 37.3%, respectively. Because the profiles use the same Eva-tech composite technology, sectional-area reduction is proportional to composite-material volume per unit length, subject to equivalent material density. Profile-specific span, loading and fastening requirements remain applicable.

5. Bamboo-derived material content

Specific self-declared environmental claim – ISO 14021:2026 general requirements

Claim	Scope	Basis and supporting evidence
Contains 56% bamboo-derived cellulose fibre by mass.	Applies to the Eva-tech material formulation represented by the controlled TDS and SDS. The claim identifies the bamboo-derived component of the formulation and does not describe the entire Eva-tech product as bio-based.	The Eva-tech Technical Data Sheet, Version A1.0, identifies the material as HDPE and bamboo cellulose fibres and reports cellulose fibre (bamboo fibre) at 56% by mass. The Eva-tech SDS, Version 1.0 / SDS ID 211108012SHF04, independently reports wood fibre dust at 56% of the mixture. The claim is therefore expressed as a controlled composition disclosure rather than as a whole-product “bio-based” claim.

6. Selected substance content

Specific self-declared environmental claim – ISO 14021:2026 general requirements

Claim	Scope	Basis and supporting evidence
197 assessed SVHCs not detected above the stated reporting threshold.	None of the 197 Substances of Very High Concern included in the referenced assessment were reported as detected at or above the stated whole-product reporting threshold. The claim relates only to the substances, candidate list and submitted sample represented by the assessment and is not an “SVHC-free” claim.	Intertek Test Report No. 180428003SHF-BP-1, issued 14 May 2018, identifies the test sample as BPC decking with brand identification including Infinity Origins Eva-tech. The report assessed the applicable SVHC candidate list and reported the assessed substances as ND within the stated reporting basis. The Eva-tech TDS records the assessment as covering 197 substances and states a whole-product detection requirement below 0.05%.

DECLARATION

Eva-Last is responsible for the claims made in this statement and for maintaining the information and evidence used to substantiate them.

Claims apply only within the product scope and conditions identified above. This statement should be reviewed where changes to the product formulation, profile design, manufacturing process, installation requirements, maintenance requirements, applicable substance lists, supporting evidence or claim basis could affect its continued validity.

Comparative claims relating to I-Series material optimisation are based on controlled sectional-property data and apply to the stated Eva-tech profiles and comparator. They do not imply equivalent structural capacity, span, loading or installation requirements unless those conditions are separately demonstrated.

Substance-screening claims apply only to the substances, samples, reporting limits and assessment dates identified in the relevant reports and should be reviewed where the product formulation or applicable regulatory substance list changes.