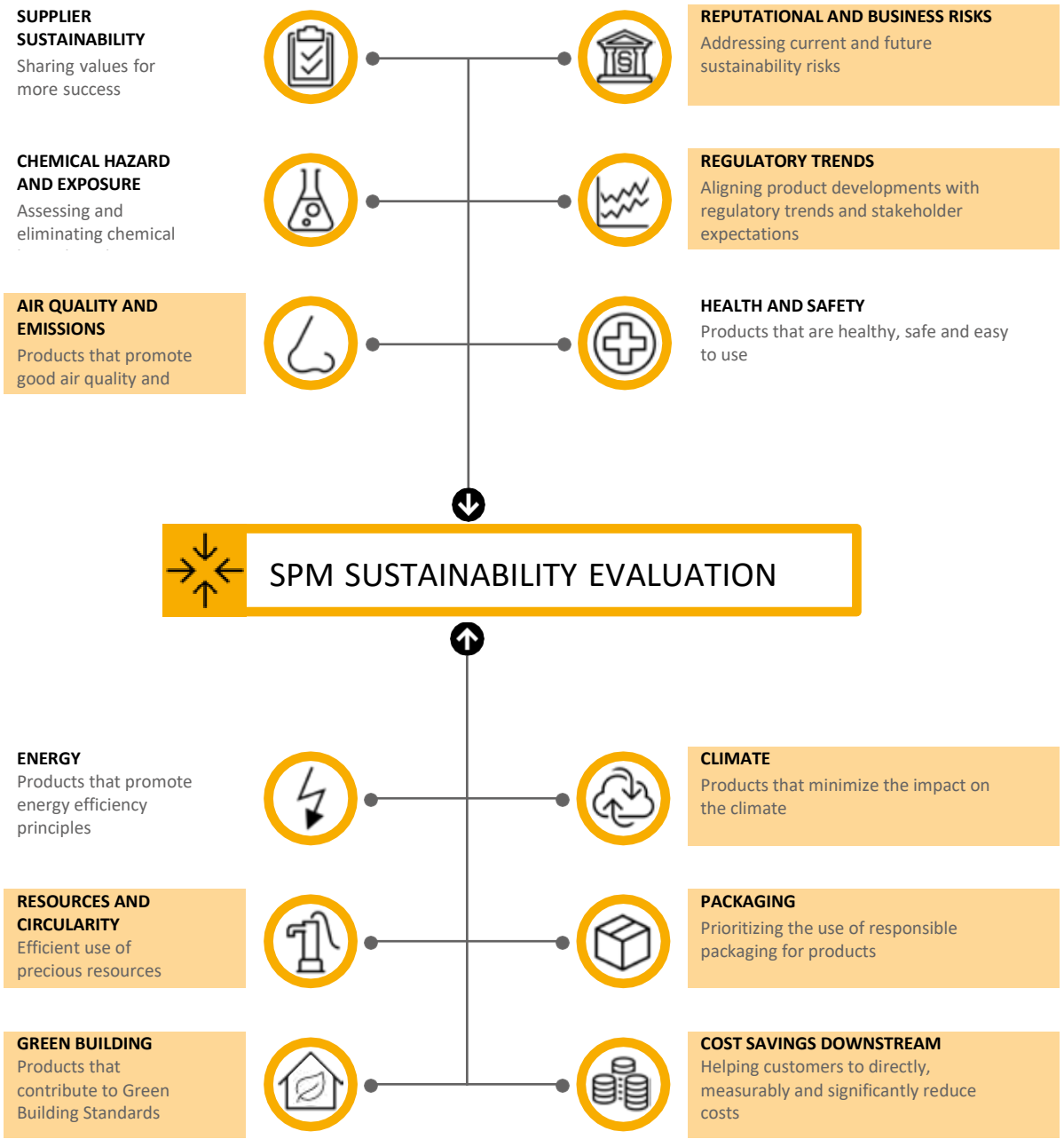
SUSTAINABILITY FACT SHEET

SikaCeram®-249 Easy

Sustainability Portfolio Management (SPM) is the methodology used by Sika in order to evaluate and classify its products in defined market segments in terms of performance and sustainability. The outcome of the SPM evaluation is a portfolio of "Sustainable Solutions"– products with combined significant sustainability and performance benefits.

The evaluation criteria that fall under the sustainability category of SPM are presented in the infographic below.



BUILDING TRUST

SUSTAINABILITY FACT SHEET

SikaCeram®-249 Easy

SUSTAINABLY IMPACTFUL

The perfect balance of optimized performance and sustainability engineered for a durable and more responsible future.

Sika's Impact products, assessed by the Sika Sustainable Portfolio Management (SPM) methodology, deliver both optimized performance and sustainability benefits. Designed to be fit for purpose, these advanced solutions meet the highest standards in sustainability. Our Sustainability Impact Areas drive progress toward a sustainable future by addressing key priorities: Carbon Emission Reduction, Durability, Circularity, Waste Management, and Green Building Contribution.

PRODUCT CHARACTERISTICS AND BENEFITS

SikaCeram®-249 Easy is a **high-performance, sustainable** cementitious tile adhesive (Class C2TES1) with high polymer content, selected aggregates, special additives, admixtures, and reduced environmental footprint. With one 25 kg bag, Sika customers benefit from:

- CLIMATE: 24.7% reduced carbon footprint of the raw materials in comparison to internal reference
- Direct contribution to Green Building certifications (LEED)
- Very low VOC emissions (EC1 Plus)
- High durability combined with excellent water repellency for long-lasting tile applications

Very Low VOC Emissions

SikaCeram®-249 Easy shows a very low VOC content and emission which has been third-party tested. SikaCeram®-249 Easy was tested for VOC emission and content in accordance with the EN 16546, ISO 16000 -3 -6 -9 -11, ASTM D5116-10, and classified as EC1 Plus.

HEALTH & SAFETY

For further information, refer to the Safety Data Sheet (SDS).

CLIMATE: REDUCED CARBON FOOTPRINT

The carbon footprint of SikaCeram®-249 Easy is 24,7 % lower than the carbon footprint of the internal reference cementitious tile adhesive[1]. The reduction in the carbon footprint of SikaCeram®-249 Easy was achieved by replacing some raw materials in the formulation.

Further details about the calculation:

- A Carbon Footprint Study was conducted to generate the carbon footprint reductions presented in this factsheet based on ISO 14044.
- The reduction in carbon footprint presented is based on IPCC AR6 GWP100 incl. biogenic CO2 as well as land use and land use change (luluc).
- The goal of the CF study was to compare the raw material composition of SikaCeram®-249 Easy, produced in Kryoneri Greece, with the carbon footprint reduction of the improved formulation. The comparison was calculated on a per kg basis as the two formulations are functionally equivalent.
- The life cycle stage included in the calculation is the production of raw materials (cradle to raw material) because the focus of the product development was to improve the formulation, which represents the largest share of the product carbon footprint. Transport and manufacturing processes are similar for both products.
- The LCI used for the CF calculation consists of secondary data from Sphera MLC Databases which are generic or average representations of the raw materials, as well as primary data from suppliers if available. The regional, technological and time related representativeness of the Carbon Footprint are [Fair][2].

Recycled Content

SikaCeram®-249 Easy contains recycled content of 5,25%.

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[1] *The internal reference is the best-selling product in the Product Technology Application Combination (PTAC), a unique combination of the application and market segment, brand family and technology of a given product, which ensures a homogenous approach, as products in a well-defined segmentation will have a similar sustainability profile. More details can be provided upon request.*

[2] *The CF study has not been independently reviewed for conformance with ISO 14044. The calculation has been conducted involving Sika's R&D and LCA specialists under consideration of Sika's internal quality assurance processes.*

SikaCeram®-249 Easy

PACKAGING

Recyclability

The valvebag packaging of SikaCeram®-249 Easy is fully recyclable, can be divided to its parts (plastic and paper) and can be brought to respective recycling bins to be recycled and brought back into material stream.

GREEN BUILDING STANDARDS -

SikaCeram®-249 Easy is part of the Sika LEED product portfolio and contributes toward satisfying [1] credit under LEED v4/v4.1. More details about the contribution to each credit are given in the respective Sika LEED Attestations.

LEED v4

Direct contribution

- **LEED v4 EQ Low-Emitting Materials**
  Contributes towards satisfying Indoor Environmental Quality (EQ) Credit: Low-Emitting Materials under LEED® v4 — (1 point)