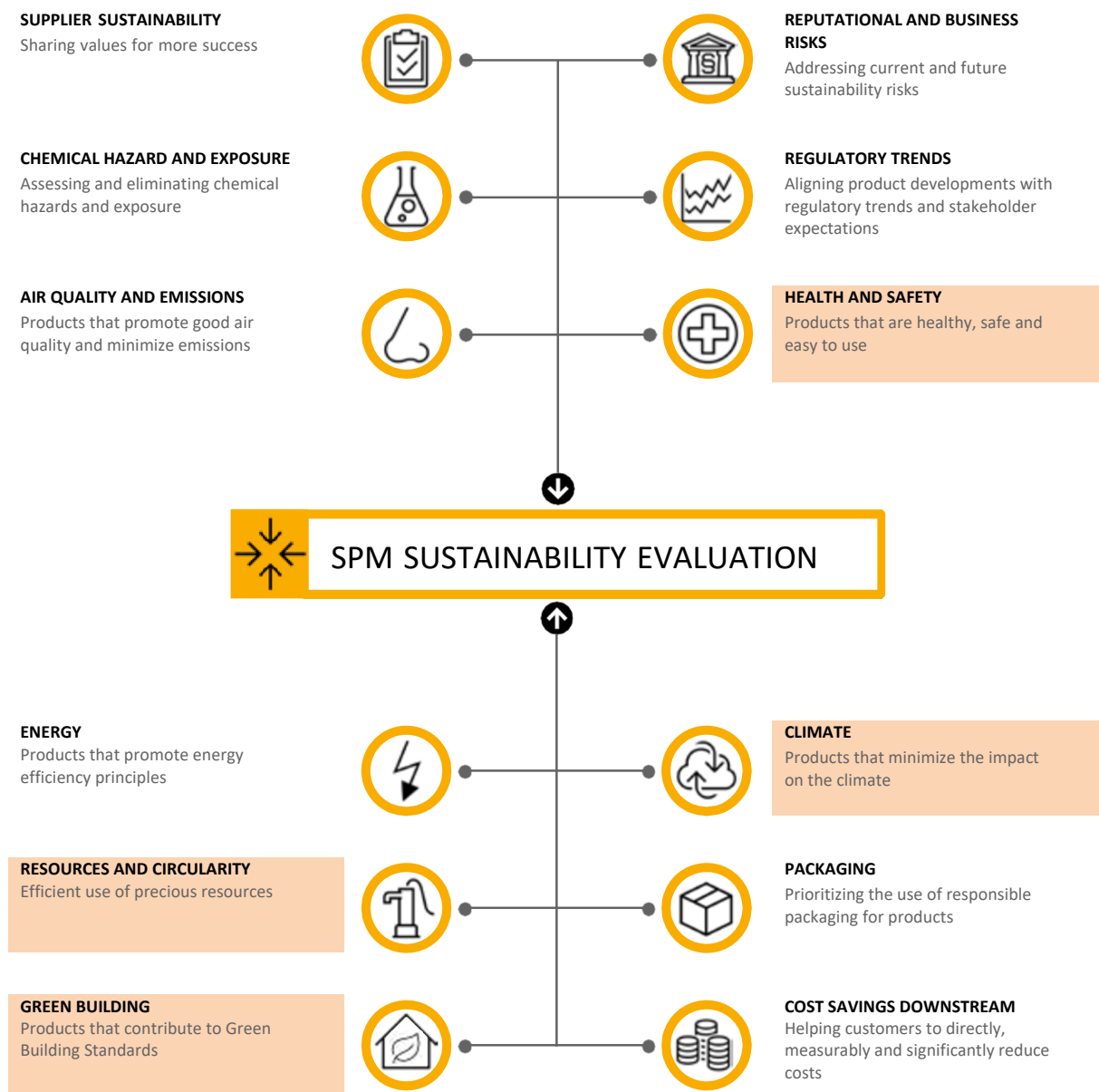


# SUSTAINABILITY FACT SHEET

## Sika MonoTop-107 Plus BE

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.



# SUSTAINABILITY FACT SHEET

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## Sika MonoTop®-107 Plus BE

### 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, Resource/Material Consumption, Waste Management, Energy Consumption, Health and Safety, and Green Building Contribution.



### PRODUCT CHARACTERISTICS AND BENEFITS

Sika MonoTop®-107 Plus BE is a one component waterproofing mortar, cement based, selected aggregates. It contains recycled supplementary cementitious materials and can therefore contribute to reducing the carbon footprint of the application. Sika customers benefit from:

- **HEALTH AND SAFETY:** cement replacement reduces the exposure during application to harmful substances
- **RESOURCES AND CIRCULARITY:** efficient use of recycled content as raw material
- **CLIMATE: Reduced Carbon Footprint:** 32 % reduced carbon footprint of the raw materials in comparison to the internal reference
- **GREEN BUILDING STANDARDS:** Contribution to LEED: conforms on three LEED v4 credit requirements, thus directly contributing to the attainment of 3 points

### CLIMATE: REDUCED CARBON FOOTPRINT

The carbon footprint of Sika MonoTop®-107 Plus BE is 32 % lower than the carbon footprint of the internal reference cementitious waterproofing mortar<sup>1</sup>. The reduction in the carbon footprint of Sika MonoTop®-107 Plus BE was achieved by replacing cement with SCM 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 CO<sub>2</sub> as well as land use and land use change (luluc).
- The goal of the CF study was to compare the raw material composition of Sika MonoTop®-107 Plus BE, produced in Ham, Belgium, 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 good<sup>1</sup>.

### RESOURCES AND CIRCULARITY

#### Recycled Content

Sika MonoTop®-107 Plus BE contains recycled content of 16,5 %. The recycled material is sourced from by-product from iron and steel production and mineral resources.

### HEALTH AND SAFETY

Due to its improved Environment Health and Safety (EHS) composition, Sika MonoTop®-107 Plus BE has reduced its labelling as a dangerous good. As a result of its improved classification and labelling, Sika MonoTop®-107 Plus BE may be used in do-it-yourself (DIY) applications in addition to the traditional professional applications of standard reference materials. For further information, refer to the Safety Data Sheet (SDS).

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<sup>1</sup> 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.

## Sika MonoTop-4012 BE

### GREEN BUILDING STANDARDS

#### Contribution to LEED

Sika MonoTop®-107 Plus BE is part of the Sika LEED product portfolio and contributes toward satisfying 3 credits 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 MR Building Product Disclosure and Optimization - Environmental Product Declarations - Option 1: Environmental Product Declarations**  
Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Environmental Product Declarations under LEED® v4 — 1 point
- **LEED v4 MR Building Product Disclosure and Optimization - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices**  
Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Sourcing of Raw Materials under LEED® v4 — 1 point
- **LEED v4 MR Building Product Disclosure and Optimization - Material Ingredients - Option 2: Material Ingredient Optimization**  
Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Material Ingredients under LEED® v4 — 1 point

#### LEED v4.1

##### Direct contribution

- **LEED v4.1 MR Environmental Product Declarations - Option 1: Environmental Product Declarations**  
Contributes towards satisfying Materials and Resources (MR) Credit: Environmental Product Declarations under LEED® v4.1 — 1 point
- **LEED v4.1 MR Sourcing of Raw Materials**  
Contributes towards satisfying Materials and Resources (MR) Credit: Sourcing of Raw Materials under LEED® v4.1 — 1-2 points
- **LEED v4.1 MR Material Ingredients - Option 2: Material Ingredient Optimization**  
Contributes towards satisfying Materials and Resources (MR) Credit: Material Ingredients under LEED® v4.1 — 1 point

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.