Sikafloor®-14 Prep N Prime Impact

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.

Sikafloor®-14 Prep N Prime Impact

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

Sikafloor®-14 Prep N Prime Impact is a solvent-free, single-component non-porous primer engineered to deliver superior adhesion on sound, smooth, and non-absorbent substrates. Formulated with post-consumer recycled materials and incorporating patent-pending technology, this environmentally responsible primer boasts exceptionally low VOC emissions, positioning it as a sustainable solution for both interior and exterior applications. Sika customers benefit from: A sustainable solution that supports reducing our carbon footprint.

- **CLIMATE:** 22% reduced carbon footprint of the raw material in comparison to the internal reference product.
- **RESOURCES AND CIRCULARITY:** Over 15% post-consumer recycled materials (PCR) content in formulation in comparison to the internal reference product.
- **PACKAGING:** Plastic pail made from 50% post-consumer recycled (PCR) materials.

REPUTATIONAL AND BUSINESS RISKS:

Sikafloor®-14 Prep N Prime Impact supports a low-carbon economy by local production in Australia using post consumer recycled (PCR) materials.

CLIMATE: REDUCED CARBON FOOTPRINT

The carbon footprint of Sikafloor®-14 Prep N Prime Impact is 22% lower than the carbon footprint of the internal reference acrylic primer used for substrate preparation[1]. The reduction in the carbon footprint of Sikafloor®-14 Prep N Prime Impact was achieved through the substitution of a virgin material with post-consumer recycled (PCR) material.

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 Sikafloor®-14 Prep N Prime Impact, produced at Sika's liquid production site in Australia 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].

[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.

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RESOURCES AND CIRCULARITY

Recycled Content

Sikafloor®-14 Prep N Prime Impact contains recycled content of over 15%. The recycled material is sourced from a local non-profit organization specialising in repurposing construction waste. Details about the post-consumer recycled material source will remain confidential due to an ongoing patent process. The recycled source is verified in accordance with an Australian industry product stewardship scheme authorised by the Australian Competition and Consumer Commission (ACCC).

PACKAGING

Packaging

Sikafloor®-14 Prep N Prime Impact is packaged in a plastic pail made from post-consumer recycled (PCR) materials. Our statement - "Committed to sustainability, packaging made from recycled materials" - is prominently displayed on the PCR plastic pail, allowing consumers to easily identify the PCR packaging.

Post-Consumer Recycled Content

The plastic pail packaging of Sikafloor®-14 Prep N Prime Impact consists of 50% of post-consumer recycled (PCR) material.

Reduced Carbon Footprint by Alternative Materials

The plastic pail packaging of Sikafloor®-14 Prep N Prime Impact has a reduced carbon footprint of 35% per plastic pail compared to reference packaging of internal refence product packaged in 100% virgin plastic[3]. The reduction in the carbon footprint of the plastic pail packaging was achieved by replacing 50% of the virgin plastic with post-consumer recycled (PCR) material.

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 CF study was to compare the material composition of this packaging, produced in Australia, with the internal reference to evaluate the carbon footprint reduction of the improved material composition.
- The life cycle stage included in the calculation is the production of the packaging materials (cradle to raw material) because the focus of the packaging development was to improve the material composition, which represents the largest share of the packaging 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[4].

[3] 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.
[4] 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.