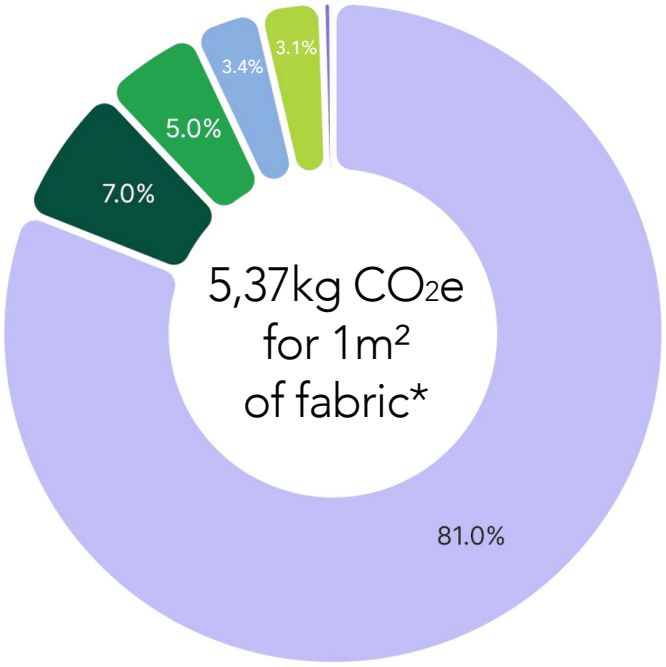
sunbrella®
Marine

LCA SHEET
Sunbrella (SUNB uncoated)

As part of our environmental Greenovation program, our Sunbrella brand is benefiting from more responsible manufacturing processes, aimed at combining design, performance and sustainable development. This confirms our commitment to reducing our impact on the environment.

With this in mind, we calculate the impact of our products by carrying out a Life Cycle Analysis (LCA) for each of them.

Life cycle analysis of 1m² of Sunbrella fabric for a 10 years lifespan



81%	Raw materials
7.0%	Manufacturing at Dickson-Constant
0.5%	Production inputs
0.01%	Inter-site transportation
3.1%	Outgoing freight
3.4%	Use
5.0%	End of life

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**Data collected in 2023 using the IPCC 2013 GWP 100a assessment method, developed and validated by Greenly, platform and measurement tool specialised in environmental impact assessment.*

Valuation method :

5,37 kg of CO_2e represents the quantity of carbon dioxide emitted over the 10 years life-span of 1m² of Sunbrella fabric (SUNB uncoated).
This means a footprint of 0,537 kg of CO_2e per year.

This indicator takes into account all the input and output factors that have an influence on green-house gas emissions, from the extraction of the raw material to its end-of-life.

This analysis forms the baseline of our eco-design approach, which will evolve with the rhythm of our environmental actions, in constant progress, year after year. In this way, we will focus our actions on each stage of a product's life cycle and create new products in the future that are just as effective, but with an optimised environmental footprint.

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What does this carbon footprint correspond to over one year ?

1m² SUNB Fabric	=	0,537 kg CO_2e/year	=	 183 km by train by traveler	or	 5,2 km by electric car

Source : https://impactco2.fr/outils

A few other exemples :

 1 m² SUNB fabric with a 10-years lifespan	=	5,37 kg CO_2e	=	0,537 kg CO_2e/year

Source: 1m² Sunbrella (uncoated) Marine LCA. Greenly – Based on 2023 data.

 1 polyester T-shirt with a 3-years lifespan	=	6 kg CO_2e	=	2 kg CO_2e/year

Source : https://impactco2.fr/outils

 1 cotton jeans with a 5-years lifespan	=	25,1 kg CO_2e	=	5,02 kg CO_2e/year

Source : https://impactco2.fr/outils

Find out more details on our Greenovation' environnemental initiatives.

greenovation

Weaving connection that keeps the world spinning

April 2025 Edition - SAS DICKSON CONSTANT - capital 12.640.000 euros - 381 347 970 R.C.S. Lille Métropole - Sunbrella® is a registered trademark of Glen Raven, Inc.