

## Product(ion)

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### Materials

TPU 84% recycled (30%); PU 32% recycled (19%); PES 45% recycled (19%); PES / PU / Steel / Resin 36% recycled (11%); PA 48% recycled (10%); PU / PES / binder 59% recycled (5%); CR (2%); Steel (1%); PET 100% recycled (1%); PES (50%) / PCL (50%) 50% recycled (1%); PES / PP / resin; Plastisol

### Recycled materials (weight-based)

53%

*The recycled percentages is a snapshot. Our aim is to increase this percentage.*

### Number of different materials used

12

### Production location 1st Tier suppliers

Portugal

### Production location 2nd Tier suppliers

Germany, Italy, Netherlands, Portugal, Spain

*\*Tier 1 suppliers are the direct suppliers of Allshoes. Tier 2 suppliers are the suppliers' suppliers.*

## Use

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### User instructions

For longevity of the product, let product breathe after wearing and use recommended care products.

### Repair instructions

Repairs might affect certification on safety standards: ISO20345:2022

### Spare part/ accessoires availability

Use recommended accessoires, available on [www.redbrick.eu](http://www.redbrick.eu).

## End-of-life

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### End-of-life instructions

At the end-of-life, do not discard product as waste, but hand it in at a collection point of the Circular Footwear Alliance for recycling. For more information: [www.cfalliance.eu/en/](http://www.cfalliance.eu/en/)

### Recyclability

Recycling of materials possible by mechanical shredding.

### End-of-life packaging

Shoebox is made from 100% recycled FSC cardboard, with waterbased ink. Discard with paper waste.

## Environmental impact (LCA)

### Scope

The production of 1 pair of the Redbrick Topaz in size 42, including the cutting waste, excluding the shoebox, including the transport from the factory to the Allshoes Warehouse.

### Stages

A1 (Materials); A2 (Transport); A3 (Production); A4 (Transport gate to site)

### CO2-equivalent

9.54 kg CO2-eq

### LCA Consultant

Ecochain

### LCA verified by third party

LCA report validated by Ecoreview.

### Full LCA report

Available on request only.

### LCA validation document of proof

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Ruben van Gaalen  
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Date, 19-5-2023  
Subject: Verification LCA for AMF and Grisport safety footwear by Allshoes

Dear Anne Jacobs,

I hereby confirm that, following detailed examination as independent 3<sup>rd</sup> party verifier, I have not been able to trace any relevant deviations in the LCA and by its project report from the requirements outlined in the corresponding product category regulations based on ISO 14040 and ISO 14044. The company-specific data have been examined as regards plausibility and consistency; the declaration owner is responsible for its factual integrity.

The verification has been performed for the following reports:

- LCA background report - Allshoes Safety Footwear - Supplier: AMF - Safety shoes: Onyx, Topaz, Pearl, Tourmaline & Opal
- LCA background report - Allshoes Safety Footwear - Supplier: Grisport - Safety shoes: Grisport 803 & Grisport 103 \*(50% recycled content, weight-based)

Authored by Anne Jacobs from Allshoes and Aniek Baltussen from Ecochain.

The results (kg CO2 eq) of the LCAs performed are presented in the table below. For module A4 only transport is calculated from suppliers to the warehouse of Allshoes in Alkmaar. Transport to final customer still needs to be calculated.

Product	Climate Change Kg CO2 eq				
	A1	A2	A3	A4	A1-A4
AMF – Onyx	0,40	19,88	0,12	0,48	20,89
AMF – Topaz	0,29	8,83	0,08	0,34	9,54
AMF – Pearl	0,30	9,39	0,08	0,35	10,12
AMF – Tourmaline	0,27	8,36	0,08	0,32	9,02
AMF – Opal	0,27	8,81	0,08	0,33	9,49

Ruben van Gaalen is registered on behalf of EcoReview at NMD (Foundation for the Dutch National Environmental Database) as an Accredited LCA expert. He is hereby authorized by NMD to perform this verification. Results of the LCA are a self-declaration by the producer and therefore remain under the responsibility of the producer.

Sincerely,  
Ruben van Gaalen

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Allshoes calculated the environmental impact of the production of 1 pair of the Redbrick Topaz in size 42, including the cutting waste, excluding the shoebox, including the transport from the factory to Allshoes Warehouse.

**9.54 kg CO2-eq**

Out of the total carbon footprint, this is how the emissions are distributed...

- 93% Materials
- 4% Transport
- 3% Energy