

Environmental impact: Redbrick Pearl

Product(ion)

Materials

	gr	% recycled
Steel	18	
Glue solvent-based	25	
Plastisol	2	
Polyester	274	48% (avg)
PET	14	100%
Polyester (59%) / Polyester (36%) 100% recycled / PU (3%) / Steel (1%) / Acrylic resin (1%)	138	36%
PU (49%) 100% recycled, Polyester (10%) 100% recycled, PU (20%), castor oil (1%), binder (15%), carbon (5%)	62	59%
Polyester / Polypropylene / Resin	6	
TPU	387	84% (avg)
PU	248	35%
Polyamide	124	50%
Polyester (50%) 100% recycled / Polycaprolactone (50%)	11	50%
Polyamide	7	

Recycled materials (weight-based) 53%

Number of different materials used 13

Production location 1st Tier* supplier(s) Portugal

Production location 2nd Tier supplier(s)

Italy, Spain, Portugal, Germany, Spain, Netherlands



*Tier 1 suppliers are the direct suppliers of Allshoes Safety Footwear. Tier 2 suppliers are our suppliers' suppliers.

Use

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.

End-of-life

End-of-life instructions

At the end-of-life, do not discard product as waste. Hand in the product at a collection point of the Circular Footwear Alliance so it can be recycled. See here for more information: <https://www.cfalliance.eu/en/>.

Recyclability

Recycling of materials possible by mechanical shredding.

End-of-life packaging

Shoebbox is made from 100% recycled FSC cardboard, with waterbased ink. Please discard with paper waste.

Environmental impact: Redbrick Pearl

Environmental impact (LCA)

Scope

The production of 1 pair of the Redbrick Pearl in size 42, 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 10.12 kg CO2-eq


LCA Consultant Ecochain

LCA verified by third party

LCA report validated by Ecoreview.

Full LCA report Available on request

LCA validation document of proof



EcoReview

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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 3rd 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.

Results tabel A1-A3 + A4					
Product	Climate Change Kg CO2 eq				
	A1	A2	A3	A4	A1-A4
AMF – Onyx					
AMF – Topaz					
AMF – Pearl	0,30	9,39	0,08	0,35	10,12
AMF – Tourmaline					
AMF – Opal					
Grisport – 803					
Grisport – 103					

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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