MATERIAL PASSPORT
ENDURO PWR421 S3S

BATA INDUSTRIALS
THE SAFETY SHOE

Model Description

Article Name	PWR421
Collection Name	ENDURO PWR
Size Range	EUR 38-48 | UK 5-13
Widths	W
Prime Supplier	Bata Ind. Best NL

This mid cut safety shoe is equipped with an aluminum safety toecap and a FlexGuard® non-metallic perforation-resistant insert. The upper part of the shoe is made of poiled pull up leather, and has an abrasion-resistant PU scuff cap. The PU/Rubber sole includes Ladder Grip. The BOA® Fit System ensures a fast and precision closing.



Materials Overview

		grams per shoe	% of shoe
Closing	Polycarbonate	25gr	3%
Inlay sole	PU - 85% GRS recycled	36gr	5%
Lining	Polyester - 65% GRS recycled	23gr	3%
Upper part	Leather - LWG Gold rated	143gr	19%
Midsole	PU - 20% bio-based	171gr	22%
Outsole	Rubber - 70% recycled + 20% bio-based	130gr	17%

		grams per shoe	% of shoe
Toecap	Aluminum	72gr	9%
Anti-penetration	Polyester	88gr	8%

Sustainability Highlights

17%
recycled materials

7%
bio-based materials

Outsole
20% bio-based rubber
3% of total materials
70% recycled rubber
12% of total materials

Inlay sole
85% GRS recycled PU
3% of total materials

Lining
65% GRS recycled polyester
2% of total materials

Midsole
20% bio-based PU
4% of total materials

Consists of 24% environmentally friendly materials in terms of weight

Sustainability Explanation

Lining Recycled
The lining is our improved Bata Cool Comfort®+ with 65% GRS recycled polyester. The recycled polyester is post-consumer, combined with virgin polyester.

Inlay sole
The Poliyou® inlay sole contains 85% GRS recycled PU foam. The opencell structure regulates a perfect climate control.

PU Midsole
The midsole is made from polyurethane (PU) which has 20% bio-based content. Bio-based content is extracted from renewable resources. This midsole is made in Holland.

Rubber Outsole
The rubber outsole is made of 20% post-consumer recycled rubber plus 50% pre-consumer recycled rubber, which gives in total 70% recycled content. On top of that another 20% is bio-based. Bio-based content is extracted from renewable resources.

ISO 14021:2016
The material passport includes criteria for self-declared environmental claims, such as statements, symbols, and images, in line with EN ISO 14021:2016.

Leather - LWG Gold rated
By purchasing this product, you are supporting responsible leather manufacturing via the Leather Working Group, which certifies tanneries based on their environmental performance.

GRS
Standard that verifies the presence and amount of recycled material in fabrics and tracks the flow of raw materials from source to finished product.

Disclaimer
While every effort has been made to ensure the accuracy and completeness of the information in this document, there may be errors or omissions. The authors and organizations involved in the preparation of this document are not liable for any consequences.