



BATA INDUSTRIALS
THE SAFETY SHOE

MATERIAL PASSPORT

ENDURO PWR 409 S3

Model Description

Article number	N1SMKRA221
Article name	PWR409
Collection	ENDURO PWR
Sizes	38-48 W/XW/XXW
Supplier	Bata Ind. Best NL

The low S3 safety shoe is equipped with an aluminium toecap and a steel anti-perforation sole. The upper part of the shoe is made of full-grain leather, and an abrasion-resistant PU toecap.



Materials Overview		grams per shoe	% of shoe		grams per shoe	% of shoe
Closing	Polyester – 100% rPET	7gr	1%	Toecap	Aluminium	72gr 11%
Inlay sole	PU – 85% GRS recycled	36gr	5%	Anti-penetration	Steel	64gr 9%
Lining	Polyester – 65% GRS recycled	15gr	2%	Insole	Polyester – 100% recycled	20gr 3%
Upper part	Leather	117gr	17%			
Midsole	PU – 20% bio-based	160gr	24%			
Outsole	Rubber– 70% recycled + 20% bio-based	130gr	19%			

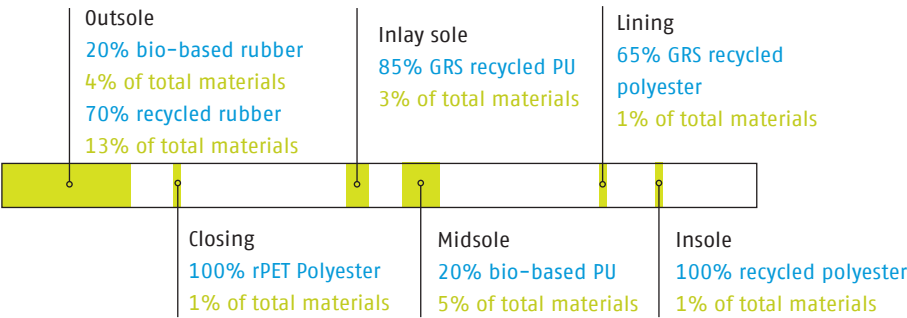
Sustainability Highlights



19% recycled materials



9% bio based materials



Consists of 28% environmentally friendly materials in terms of weight

Sustainability Explanation

rPET Laces

The laces are for 100% made of recycled PET material. Sourced, processed and supplied by local Dutch partners. GRS certified.

Lining

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.

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.

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.



Recycled content

Standard that sets requirements for certification of recycled input, chain of custody, social and environmental practices, and chemical restrictions.



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

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