



**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-perforation	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%				

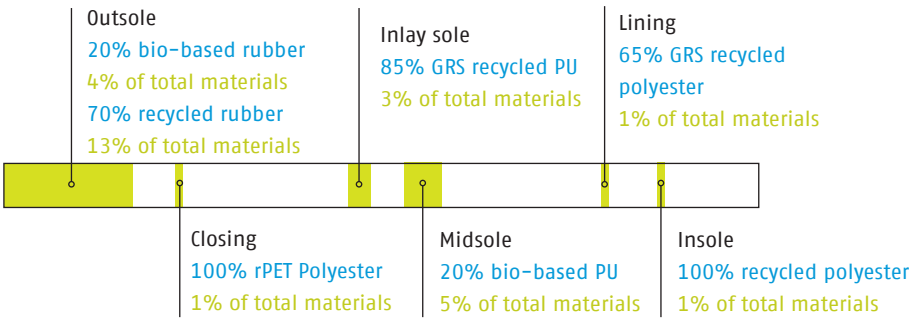
### Sustainability Highlights



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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