



**BATA INDUSTRIALS**  
THE SAFETY SHOE

# MATERIAL PASSPORT

## ENDURO PWR419 S7

### Model Description

Article Name	PWR419
Collection Name	ENDURO PWR
Size Range	EUR 38-48   UK 5-13
Widths	W/XW
Prime Supplier	Bata Ind. Best NL

This mid cut safety shoe is equipped with an aluminum safety toecap and a steel perforation-resistant insert. The upper part of the shoe is made of full-grain leather, and has an abrasion-resistant PU scuff cap. The HDry® waterproof membrane makes this shoe 100% waterproof. The PU/Rubber sole includes Ladder Grip.



### Materials Overview

		grams per shoe	% of shoe			grams per shoe	% of shoe
Closing	Polyester – 100% rPET	10gr	1%	Toecap	Aluminum	72gr	9%
Inlay sole	PU – 85% GRS recycled	36gr	5%	Anti-penetration	Steel	64gr	8%
Lining	Polyester – 65% GRS recycled	20gr	3%	HDry® membrane	Polyurethane	10gr	2%
Upper part	Leather – LWG Gold rated	145gr	19%				
Midsole	PU – 20% bio-based	185gr	24%				
Outsole	Rubber – 70% recycled + 20% bio-based	130gr	17%				

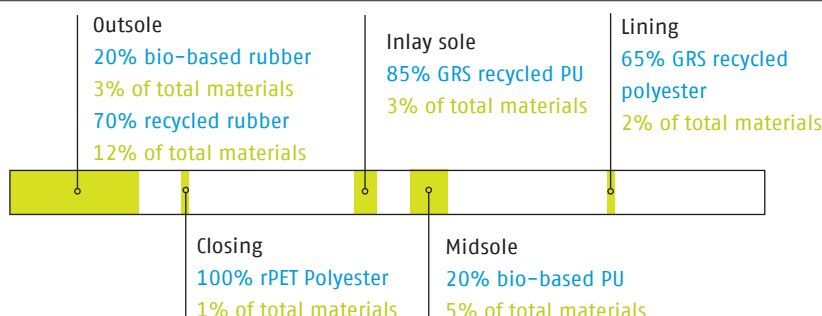
### Sustainability Highlights



**18%**  
recycled  
materials



**8%**  
bio-based  
materials



Consists of 26% 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 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 PolyYou® 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.

#### Water protection

The HDry® 3D direct lamination process helps decreasing the use of Durable Water Repellent (DWR) treatments, and therefore eliminates the use of PFCs. The membrane itself is PTFE-free.



#### 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

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