



**BATA INDUSTRIALS**  
THE SAFETY SHOE

# MATERIAL PASSPORT

## TRAXX 219 S3

### Model Description

Article Name	TRAXX 219
Collection Name	TRAXX
Size Range	EUR 36-48   UK 3-13
Widths	W
Prime Supplier	Bata Ind. Best NL

This mid cut safety shoe has a steel safety toecap and a FlexGuard® non-metallic perforation-resistant insert. The upper part of the shoe is made of Full grain Crazy Horse leather. The BOA® Fit System ensures precision closing. HDry® technology provides full water resistance for improved protection.



Materials Overview		grams per shoe	% of shoe		grams per shoe	% of shoe
Closing	Polycarbonate	24gr	3%	Toecap	Steel	96gr   13%
Inlay sole	PU – 85% GRS recycled	36gr	5%	Anti-penetration	Polyester	73gr   10%
Lining	Polyester	22gr	3%	Anti-odor	Peppermint oil – 100% bio-based	1gr   1%
Upper part	Leather – LWG Gold rated	129gr	17%	HDry® membrane	Polyurethane	12gr   2%
Midsole	PU – 20% bio-based	149gr	19%			
Outsole	TPU – 20% recycled	166gr	22%			

### Sustainability Highlights



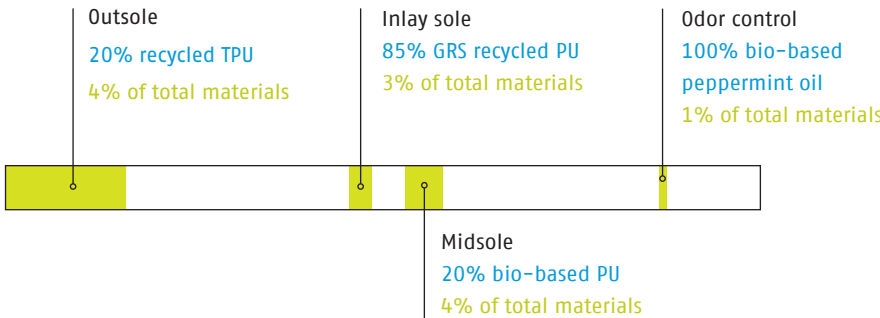
**7%**

recycled materials



**5%**

bio-based materials



Consists of 12% environmentally friendly materials in terms of weight

### Sustainability Explanation

#### 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.

#### Odor control

The anti-bacterial treatment applied on the full lining is based on the natural mintextract. It is 99,9% efficient and 100% bio-based.

#### TPU Outsole

The TPU outsole exists of 20% recycled TPU. Regained and reused TPU, supplied by an European partner.

#### Water protection

The HDry® 3D direct lamination process helps decreasing the use of Durable Water Repellent (DWR) treatments, and therefor 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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