

**uvex**

**HECKEL**  
PERFORMANCE WITH STYLE



**MACASPHALT**


THE ULTIMATE BOOT  
FOR ROAD RESURFACING





# THE MACSOLE<sup>®</sup> SOLE THAT LEAVES NO TREAD MARKS

A true specialist in rubber soles, Heckel has been making its own advances in footwear technology for more than twenty years. Heckel's products offer unparalleled slip resistance, resistance to extreme temperatures and durability.



Specifically designed for road surfacing, **the new MACSOLE® ASPHALT rubber sole** has a smooth flat tread pattern to avoid marking the surface, all while providing excellent slip resistance. This also makes it suitable for a wide variety of other applications including working with machinery.

Tread pattern provides excellent slip resistance

**MACSOLE® rubber sole** with superior **abrasion** resistance for increased durability | Resistant to contact heat up **to 300°C** (HRO standard) | Slip resistant | **Resistant to oils and hydrocarbons** | **Antistatic**



# INNOVATIVE MULTI-LAYER DESIGN

Full-grain leather construction includes minimal stitching to reduce pressure points | Naturally abrasion, heat and water resistant, improving protection and longevity

The boot's multi-layer design has been specifically developed for use when working on **extremely hot** surfaces, providing

Hygienic insole layer with superior abrasion resistance | High moisture-absorption capacity | Aluminised for improved thermal insulation | Cushioned open cell foam

Non-woven insulating insole layer made with 52.4% recycled polyester for increased protection and comfort

Stainless steel midsole provides penetration resistance

Insulating insert provides additional protection against heat over the entire surface of the foot

PU layer for improved shock and vibration absorption over the entire surface of the foot | Anti-fatigue effect

MACSOLE® outsole with integrated heel support | Resistant to contact heat up to 300°C (HRO) | High sides help protect the upper and performance layers inside



thermal insulation  
and comfort for  
the wearer.

Energy absorption

85%

higher energy absorption  
than that specified by  
EN ISO 20345 standard



Thermal insulation

150°C

30 minutes exposure

The norm states, the temperature inside the footwear must not increase in excess of 22°C for the duration of the 30 min test. **The MACASPHALT internal temperature only sees a rise of 11°C, ensuring it is half that specified in the EN 20345 HI certification.**



Thermal insulation

250°C

40 minutes exposure

The internal temperature of the footwear must not increase in excess of 42°C. **The MACASPHALT boot only sees a rise of 26°C (additional test in accordance with EN 20349 HI-3\*), that is a 38% reduction compared the the norm.**



\* The MACASPHALT model is certified in accordance with EN 20345 and meets the HI requirement of this standard. It has also been tested in accordance with the HI-3 requirements defined in EN 20349.



# A MODEL TO MEET ANY CHALLENGE

Professionals are exposed to extreme conditions when laying new road surfaces. Featuring a **MACSOLE® rubber sole**, the new **MACASPHALT safety boots** offer **reliable and durable protection**.

This model also includes a wide range of features which guarantee **wearer comfort throughout the working day**.



## PROTECTIVE TOE CAP

Non-metallic | Protects against falling objects up to 200 joules and compression up to 15,000 Newtons in accordance with EN 20345 | Comfortable fit thanks to its shape extra-wide ergonomic design | Conducts less heat



## FULL GRAIN LEATHER UPPER

Water-resistant | Reduced number of stitches to minimise pressure points which can cause discomfort and wear and tear | Padded ankle collar for greater comfort and protection



## PADDED TONGUE

With gussets to prevent materials and liquids from penetrating



## REFLECTIVE STRIP

Increases the visibility of the wearer to others | Enhanced safety when working at night

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PERFORMANCE WITH STYLE

## PRIORITISING RECYCLED MATERIALS

More than 95% of Heckel footwear have at least one recycled component. The Heckel MACASPHALT is no exception, and our use of recycled material helps us in our mission towards more sustainable practices without compromising the safety, comfort, quality or durability of the product.



**52.4%\***  
RECYCLED  
POLYESTER IN THE  
NON-WOVEN INSOLE



**4.34%**  
RECYCLED  
MATERIALS



**16.29**  
CO<sub>2</sub>AS OF  
11/2024

\*Please note the percentage of recycled materials used are calculated by weight



## MACASPHALT

ART. NO. 62763 | EN 20345 : 2011 S3 HI HRD SRA  
EN 20345 : 2022 S3 FO HI HRD | SIZES **38 - 50 (5 - 14.5)**

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