



MACASPHALT

THE ULTIMATE SHOE
FOR WORKING WITH TARMAC

THE MACSOLE® 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 working with tarmac, the new **MACSOLE® ASPHALT rubber sole** has a smooth flat tread pattern to avoid marking the tarmac, 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** (HRD standard) | slip resistant | **resistant to oils and hydrocarbons** | resistant to **oils and hydrocarbons** | **antistatic**

INNOVATIVE MULTI-LAYER DESIGN



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

thermal insulation and comfort for the wearer.



hygienic insole layer with superior abrasion resistance | high moisture-absorption capacity | aluminised for improved thermal insulation

durable, non-woven insulating insole layer

stainless steel midsole provides penetration resistance

insulating insert provides protection against heat over the entire surface of the foot

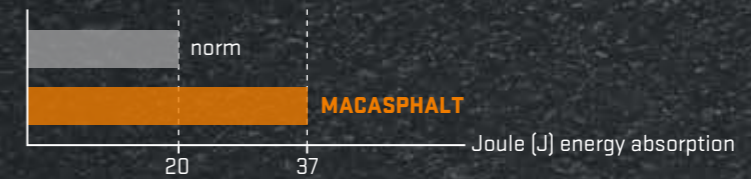
PU layer for improved shock and vibration absorption over the entire surface of the foot | anti-fatigue effect

MACSOLE® outsole with integrated heel support | resistant to contact heat up to 300°C (HRD)

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 well within 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*).



* 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 working on tarmacked 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 | padded ankle collar for greater comfort and protection



PADED 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



MACASPHALT

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

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