

# TECHNICAL DATA SHEET

RENEGADE Work GTX® green Mid S3S CI No. 5650


Sz. 39 - 47



## LABELLING ACCORDING TO STANDARD

<p>Standard for safety footwear EN ISO 20345:2022 S3S</p>	<p>Basic requirement for S3S:  <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel -  <b>WPA</b> Water penetration and absorption -  <b>S</b> Textile penetration protection - Closed heel area - Basic Slip resistance test on ceramic tile + NaLS (soap solution) - Profiled outsole</p>
<p>Additional requirements</p>	<p><b>WR</b> WATER RESISTANCE, entire shoe  <b>FO</b> FUEL RESISTANCE  <b>HI</b> HEAT INSULATED  <b>HRO</b> HEAT RESISTANT OUTSOLE                      Heat resistance against contact heat, also during short-term high temperatures  <b>CI</b> COLD INSULATED</p>

## FORM

<p>Safety laced boot</p> 	<p>Form B - in size 42, the upper height must be at least 11.3 cm.</p>
--	--

## AREAS OF APPLICATION

<p>Areas of application</p>	<p>Indoors and outdoors                      Areas where exposure to moisture is expected (S2)                      Areas where there is a risk of penetration from pointed and sharp objects (S3/S3L/S3S)                      Cold areas, working in winter, road construction etc.</p>
-----------------------------	---

## FEATURES

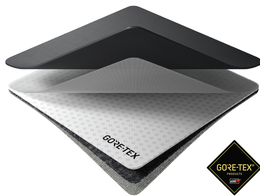
Full, padded bellows tongue	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.</li> </ul>
Collar padding	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.</li> </ul>
Heel loop	<ul style="list-style-type: none"> <li>• Quicker into the shoe: The heel loop makes it easier to get inside the shoe</li> </ul>

## UPPER MATERIAL

Hydrophobized nubuck leather	<ul style="list-style-type: none"> <li>• Areas of application S2/S3</li> <li>• Natural material</li> <li>• Wear-resistant</li> <li>• Breathable</li> <li>• Water penetration/absorption in accordance with EN ISO 20345 S2</li> <li>• By hydrophobation, higher resistance against water penetration and water absorption</li> </ul>
Hydrophobized textile material	<ul style="list-style-type: none"> <li>• Areas of application S2/S3</li> <li>• Synthetic material</li> <li>• Shape-retaining</li> <li>• Tear-resistant</li> <li>• Dries quickly</li> <li>• Wear-resistant and light</li> <li>• Water penetration/absorption in accordance with EN ISO 20345 S2</li> <li>• By hydrophobation, higher resistance against water penetration and water absorption</li> </ul>

## LINING

Gore-Tex® Performance Comfort Footwear



The GORE-TEX® membrane prevents water from entering into the shoe, but still allows your feet to "breathe". This technology provides ideal climate comfort for all outdoor activities, even in the harshest weather conditions. All components of the shoe construction are precisely attuned to one another and are subject to constant quality controls.

The ALL-WEATHER membrane

The all-weather membrane constantly provides an ideal climate comfort inside the shoe in all wind and weather conditions. Keeps your feet cool in summer and warm in winter. Tiny pores keep wind and wetness outside.

## TOE PROTECTION CAP

Steel toe cap



- Protection against impacts of min. 200 joules and pressure loading of min. 15 kN
- Permanent edge coverage for cushioning
- Ergonomically shaped
- Comfortable toe room
- Good coverage of the little toe area

## INLAY SOLE

Full-length inlay sole  
LOWA



- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- Antistatic

## PENETRATION RESISTANCE

Metal-free penetration  
protection

The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.

The textile variant offers 100 % foot coverage compared to steel midsoles (foot coverage 85 % due to limits in the shoe manufacturing process). Being 100 % metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes.

## OUTSOLE

VIBRAM® with  
Monowrap® Technologie  
double-density sole with  
profile



- Excellent slip resistance
- Antistatic

Outsole: Rubber

- Colour: green
- Profile depth: 4.5 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 200°C, for short periods to 300°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Resistant to a large number of chemicals (acids and alkalis)
- Notch-resistant

Midsole: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort