

# TECHNICAL DATA SHEET

RENZO Glass S3 CR No. 67471


Sz. 39 - 47



## LABELLING ACCORDING TO STANDARD

<p>Standard for safety footwear EN ISO 20345 S3</p>	<p>Basic requirement for S3:  <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel - <b>FO</b> Fuel resistance -  <b>WRU</b> Water penetration and water absorption resistant upper -  <b>P</b> Penetration resistance - Closed heel area - Profiled outsole</p>
<p>Additional requirements</p>	<p><b>SRC</b> Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.</p> <p><b>CR CUT RESISTANT</b>  A robust interlining keeps the foot safe from injuries caused by pointed and sharp-edged objects.</p> <p><b>HI HEAT INSULATED</b></p> <p><b>HRO HEAT RESISTANT OUTSOLE</b>  Heat resistance against contact heat, also during short-term high temperatures</p> <p><b>FO FUEL RESISTANCE</b></p> <p><b>SR</b> Slip resistance on ceramic tile with glycerine.</p> <p><b>SC SCUFF CAP</b>  The overcap manages a certain amount of abrasion.</p> <p><b>LG LADDER GRIP</b>  Heel edge of at least 10 mm</p>




## FORM

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

Areas of application	<p>Indoors and outdoors</p> <p>Areas where exposure to moisture is expected (S2)</p> <p>Areas where there is a risk of penetration from pointed and sharp objects (S3)</p> <p>Areas where exposure to sharp-edged materials is expected, e.g. glass-processing industry</p>
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## FEATURES

Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> <li>• Certified for orthopaedic inserts</li> </ul> 
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>
Reflective material	<ul style="list-style-type: none"> <li>• Good visibility in the dark</li> </ul> 
Cut-resistant interlining	<p>The interlining protects the upper from the penetration of glass shards and other sharp-edged materials.</p> 
PU toe protection (polyurethane)	<ul style="list-style-type: none"> <li>• Directly applied tip protection</li> <li>• Excellent wear protection in the shoe tip area</li> <li>• Protects the upper material in this area against premature wear</li> </ul>

## UPPER MATERIAL

Cowhide leather	<ul style="list-style-type: none"> <li>• Areas of application S1/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> </ul>
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## LINING

Breathable fabric lining	<ul style="list-style-type: none"> <li>• Climate-regulating</li> <li>• Good ventilation</li> <li>• Skin-friendly</li> <li>• High absorption and emission of moisture</li> </ul>
Heel pocket lining	<ul style="list-style-type: none"> <li>• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.</li> </ul>

## 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  
BASIC



- 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

## INSOLE

Antistatic soft-fleece  
insole

Antistatic, even if 100 % dry, without using additional means fulfilling a bridge function to the outsole.

- Approximately 50 % lighter than comparable soles made of natural materials
- Flexible and shape-retaining
- Good air permeability
- Excellent wear resistance
- High moisture absorption
- Quick drying (virtually overnight)

## PENETRATION RESISTANCE

Steel midsole

Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.

## OUTSOLE

SAFETY-GRIP deep-treaded double-density sole with profile



- S-line shaped configuration of the tread blocks, for an ergonomic foot roll
- Excellent slip resistance
- Antistatic

Outsole: Rubber

- Colour: black
- Profile depth: 6.0 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