



# DACHSTEIN®

MOUNTAINEERING SINCE 1925

**LUHTA Austria GmbH**

Söllheimerstrasse 16 - Haus 10 D-01.EG - A-5020, Salzburg, Austria

Doc. name  
and/or code:

Forest Safety GTX S6

Revision nr.:

01

Date of issue:

17/02/2026

## MANUFACTURER'S INSTRUCTIONS AND INFORMATION

PLEASE READ CAREFULLY BEFORE USING OUR FOOTWEAR

The information contained in this document is provided to support the correct selection, use and maintenance of the footwear. The manufacturer ensures that this footwear has been designed and manufactured in compliance with Regulation (EU) 2016/425 and the applicable standards: **EN ISO 20345:2022+A1:2024** and **EN ISO 17249:2013**.

### CE MARKING EXPLANATION

Safety footwear with chain saw cut resistance must be considered Personal Protective Equipment (PPE) of category III. They are subject to the essential health and safety requirements of Regulation (EU) 2016/425 (Annex II) - which provides for the mandatory CE marking for marketing - and object of the conformity to type based on internal production control plus supervised product checks at random intervals (module C2). Our footwear are subjected to certification and supervision at the Notified Body RICOTEST No. 0498, Via Tione 9 - 37010 Pastrengo VR - Italy ([www.ricotest.com](http://www.ricotest.com))

**CE 0498**

The "CE" means that the product satisfies the basic health and safety requirements of the Regulation (EU) 2016/425, annex II + number of the Notified Body in charge of the annual control of the PPE

manufacturer's name and postal address

 **DACHSTEIN®**  
MOUNTAINEERING SINCE 1925  
LUHTA Austria GmbH  
Söllheimerstrasse 16 – Haus 10 D-01.EG - A-5020, Salzburg, Austria

manufacturer's type designation

**Forest Safety GTX S6**

size range

|              |      |      |    |      |    |      |    |      |      |      |    |
|--------------|------|------|----|------|----|------|----|------|------|------|----|
| <b>UK</b>    | 7    | 7,5  | 8  | 8,5  | 9  | 9,5  | 10 | 10,5 | 11   | 11,5 | 12 |
| <b>EURO</b>  | 40,5 | 41   | 42 | 42,5 | 43 | 43,5 | 44 | 45   | 45,5 | 46   | 47 |
| <b>USM</b>   | 8    | 8,5  | 9  | 9,5  | 10 | 10,5 | 11 | 11,5 | 12   | 12,5 | 13 |
| <b>MONDO</b> | 26   | 26,5 | 27 | 27,5 | 28 | 28,5 | 29 | 29,5 | 30   | 30,5 | 31 |

EN ISO 20345:2022 +A1:2024

This European Standard specifies basic and additional (optional) requirements for safety footwear used for general purpose equipped with protection against impact (200 J) and compression (15 kN). It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour.

EN ISO 17249:2013

This International Standard specifies requirements for safety footwear with resistance to chain saw cutting.

EN ISO 20345:2022 +A1:2024 safety symbols/category

Symbol(s) indicating the protection provided and/or, where applicable, the appropriate class.  
Class I = footwear in leather and other materials, excluding all-rubber or all-polymeric footwear.

Alongside with the envisaged by the Standard, other characteristics may be necessary for safety footwear. Additional requirements for special applications are marked with Symbols (see tab. 1) and/or categories (see tab. 2). The categories are the most common combinations of basic and additional requirements.

This footwear comply with the category **S6** and the additional requirements **FO** and **SR**.

Tab. 1

| Symbol | Requirements/Specifications                                 | Required performance |
|--------|---|----------------------|
| SB     | Basic requirements for safety footwear (with toecap "200J") |                      |
| A      | Electrical resistance: antistatic footwear                  | 0.1 ÷ 1000 MΩ        |
| E      | Energy absorption of seat region                            | ≥ 20J                |
| WPA    | Water penetration and absorption                            | ≥ 60min              |
| WR     | Water resistance  | no water penetration |
| FO     | Resistance to fuel oil                                      | ≤ 12%                |



# DACHSTEIN®

MOUNTAINEERING SINCE 1925

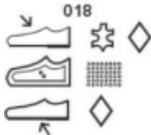
**LUHTA Austria GmbH**

Söllheimerstrasse 16 - Haus 10 D-01.EG - A-5020, Salzburg, Austria

Doc. name and/or code: Forest Safety GTX S6

Revision nr.: 01

Date of issue: 17/02/2026

|  |   |  |   |   |                  |
|--|---|--|---|---|------------------|
|  |   | SR   | Slip resistance on ceramic tile floor with glycerine                        | forward heel slip<br>backward forepart slip | ≥ 0,19<br>≥ 0,22 |
|  |   | Tab. 2   |   |   |                  |
|  |   | S6   | SB + closed heel area + A + E + WPA + WR                                    |   |                  |
|  | EN ISO 17249:2013 level of performance<br><br>(on the outer upper)  |                       | Level 1<br><br>Level 1 = resistance to a speed of 20m/s (meters per second) |   |                  |
|  |    | "i in the booklet" pictogram inviting the user to read the manufacturer's instructions and information |   |   |                  |
|  | Date of production  | MM/YYYY  |   |   |                  |
|  | Made in indication  | Made in Serbia   |   |   |                  |
|  | Material composition  |                      |   |   |                  |
| <b>MATERIALS AND MANUFACTURING</b>                       | All materials used – both natural or synthetic – as well as the applied processing techniques, have been chosen to meet the requirements expressed by the European technical standards in terms of safety, ergonomics, comfort, solidity and innocuousness.   |  |   |   |                  |
| <b>CHECKS TO BE CARRIED OUT BY THE WEARER BEFORE USE</b> | <p>- WARNING: this footwear meets the safety requirements only if worn correctly and in perfect conditions. Before using the footwear check conditions, cleanliness and the presence of the toe-cap; then make sure that they fit and try them on (select the correct size). If the footwear is not in good conditions (visible damages such as unstitching, cracks, excessive wear of the outsole) it should be replaced. The company declines all responsibility for damages and/or consequences which occur from improper use.</p> <p>(see also CRITERIA OF THE ASSESSMENT OF THE STATE OF FOOTWEAR)</p>   |  |   |   |                  |
| <b>APPLICATION</b>                                       | <p>Employers are liable, before the law, for the suitability of the PPE used depending on the nature of the risks present at the workplace as well as on the working conditions. Before use, make sure that the specifications of the chosen model meet the specific requirements related to the item's intended use.</p> <p>This footwear is suitable for: general industry, constructions and metalworking, agriculture, warehouses and public bodies, agro-food sector, lumberjacks, forest rangers, forestry work, farmers and similar activities, for foot protection during the use of chain saws (level 1 protection).</p> <p>The correct interpretation of symbols and classes marked on our products enable you to choose the suitable type of PPE according to the risk involved, as it is specified below:</p> <ul style="list-style-type: none"> <li>- impact and/or crushing of the toetips: footwear certified according to EN ISO 20345;</li> <li>- static electricity charges: symbol A (included in S6 category);</li> <li>- impact shock of the heel against the ground: symbol E (included in S6 category);</li> <li>- water: symbol WPA and WR (included in S6 category);</li> <li>- resistance of the outsole to hydrocarbons/oils: symbol FO;</li> <li>- slip resistance: basic requirement on ceramic tile floor with NaLS (no symbol) and on ceramic tile floor with glycerine (symbol SR);</li> <li>- other risks according to any specific additional symbol(s).</li> </ul> |  |   |   |                  |
| <b>WARNINGS AND USE LIMITATIONS</b>                      | - this article is not suitable for any other use and does not protect from any other hazard which is not expressly included in this informative notice (pay careful attention to the markings/symbols).   |  |   |   |                  |



# DACHSTEIN®

MOUNTAINEERING SINCE 1925

**LUHTA Austria GmbH**

Söllheimerstrasse 16 - Haus 10 D-01.EG - A-5020, Salzburg, Austria

Doc. name  
and/or code:

Forest Safety GTX S6

Revision nr.:

01

Date of issue:

17/02/2026

- NO footwear/personal protective equipment can guarantee a total protection from all possible impacts or from hand held chainsaw. The resistance chainsaw cutting is tested under laboratory conditions on the front parts of the footwear (tongue and toe-cap area); however, it is possible that cutting injuries occur in the mentioned areas. However, experience has shown that it is possible to design equipment that offers a degree of protection. Different functional principles, that can be used to provide protection, include:

- ~ sliding of the chain to the contact, in such a way that it can not cut the material;
- ~ accumulation of fibres which, once entered into the chain's gears, cause the saw to stop;
- ~ chain braking by use of fibres with a high resistance to cutting which absorb kinetic energy, thus reducing the speed of the chain.

More than one principle is often applied. It is recommended to choose the shoe according to the chain saw speed. It is important that there is an overlap between the protective material within the footwear and trousers.

- The maximum grip of the sole is generally reached after a certain "running-in" of the new footwear (comparable to Car tyres) for removing silicone residue and release agents, and any other surface irregularities of a physical and / or chemical. The slip resistance can also change depending on the sole wear; to satisfy the specifications does not guarantee in any case the absence of slipping in any condition.

**STORAGE AND PRODUCT SHELF LIFE**

- to prevent the risk of deterioration, safety footwear must be carried and stored in its original packaging, in dry and not too hot places. If kept in accordance with the above recommendations, the footwear remains suitable for use for a long time

- when stored under normal conditions (light, temperature, and relative humidity), the obsolescence date of a footwear is generally estimated in:

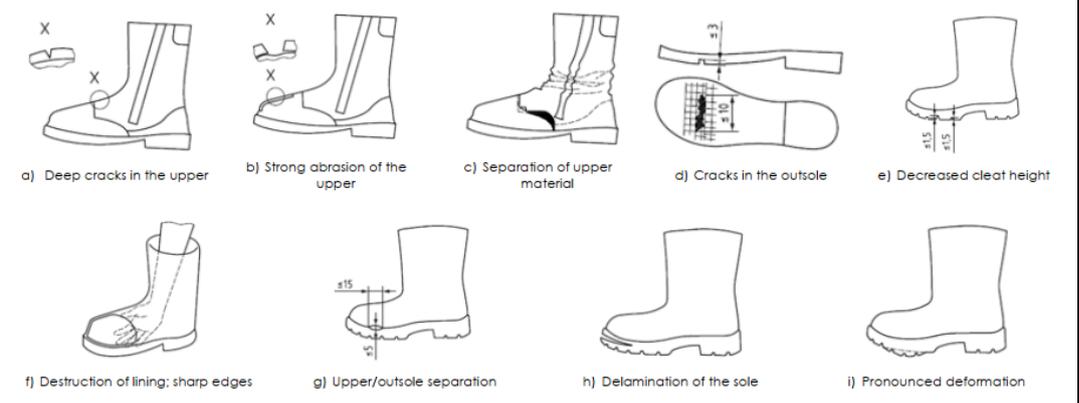
- ~ 10 years after the date of manufacturing for shoes with upper leather, rubber and thermoplastic materials (such as SEBS, etc) and EVA;
- ~ 5 years after the date of manufacturing for shoes including PVC;
- ~ 3 years after the date of manufacturing for shoes including PU and TPU.

**CRITERIA OF THE ASSESSMENT OF THE STATE OF FOOTWEAR**

Safety footwear should be replaced when any of the signs of wear identified below are found. Some of these criteria can vary according to the type of footwear and materials used:

- beginning of pronounced and deep cracking affecting half of the upper material thickness (Fig. a);
- strong abrasion of the upper material, especially if the toe puff or toecap is revealed (Fig. b);
- the upper shows areas with deformations or split seams in the leg (Fig. c);
- the outsole shows cracks higher than 10 mm long and 3 mm deep (Fig. d);
- upper/outsole separation of more than 15 mm long and 5 mm deep (Fig. g);
- cleat height for cleated outsoles at any point lower than 1,5 mm (Fig. e);
- original insock/s (if any) showing pronounced deformation and crushing;
- destruction of the lining or sharp borders of the toe protection which could cause wounds (Fig. f);
- delamination of the soling materials (Fig. h);
- pronounced deformation of the outsole due to heat exposure, any of the following causes (Fig. i)
  - ~ joining of 2 or more cleats due to the material melting;
  - ~ decrease of the height of any cleat to less than 1,5 mm;
  - ~ melting of the outside of the cleat and the midsole becomes visible;
- the closing mechanism is not in working order (zip, laces, eyelets, touch and close system).

Note: replacement of safety footwear in this context means also replacement of damaged parts, which are attached to the footwear, e.g. insocks, zippers, tongues, laces, ...





# DACHSTEIN®

MOUNTAINEERING SINCE 1925

**LUHTA Austria GmbH**

Söllheimerstrasse 16 - Haus 10 D-01.EG - A-5020, Salzburg, Austria

Doc. name  
and/or code:

Forest Safety GTX S6

Revision nr.:

01

Date of issue:

17/02/2026

|  |  |
|--|--|
| <b>CARE AND MAINTENANCE</b>  | <ul style="list-style-type: none"><li>- new footwear coming from its original box, in general is ready to use;</li><li>- select the suitable model based on the specific needs of the workplace and related environmental/atmospheric conditions;</li><li>- choose the right size, preferably by trying the boots/shoes on;</li><li>- remove dirt with a damp cloth only; for heavier soiling use damp cloths or soft brushes with lukewarm water;</li><li>- do not wash under running water;</li><li>- do not use hot water, solvents or other chemicals to clean;</li><li>- use specific products for cleaning and maintaining leather;</li><li>- do not leave exposed to direct sunlight;</li><li>- do not leave exposed to high or low temperatures;</li><li>- never tamper with the shoe in any of its parts (except for orthopaedic adaptations);</li><li>- after use leave it dry in a well ventilated place, at room temperature; do not use dryer or other heating devices.</li></ul>   |
| <b>ANTISTATIC FOOTWEAR</b>   | <p>Antistatic footwear should be used if it is necessary to minimize electrostatic build-up by dissipating electrostatic charges, thus avoiding the risk of spark ignition of, for example, flammable substances and vapours, and if the risk of electric shock from mains voltage equipment cannot be completely eliminated from the workplace. Antistatic footwear introduces a resistance between the foot and ground but may not offer complete protection. Antistatic footwear is not suitable for work on live electrical installations.</p> <p>The electrical resistance of antistatic footwear can be changed significantly by flexing, contamination or moisture. This footwear might not perform its intended function if worn in wet conditions. Class I footwear can absorb moisture and can become conductive if worn for prolonged periods in moist and wet conditions.</p> <p>If the footwear is worn in conditions where the soling material becomes contaminated, wearers should always check the antistatic properties of the footwear before entering a hazard area.</p> <p>Where antistatic footwear is in use, the resistance of the flooring should be such that it does not invalidate the protection provided by the footwear.</p> <p>It is recommended to use antistatic socks.</p> <p>It is, therefore, necessary to ensure, that the combination of the footwear its wearers and their environment is capable, to fulfil the designed function of dissipating electrostatic charges, and of giving some protection during its entire life. Thus, it is recommended, that the user establish an in-house test for electrical resistance, which is carried out at regular and frequent intervals.</p> |
| <b>INSOCKS</b>   | <p>If the safety footwear is equipped with a removable insock this means that the tests were carried out with the insock in place. Always use the footwear with its insock in place! Replace the insock only with an equivalent model from the same original footwear supplier or from an insole supplier, which will supply insocks that fulfil the properties of this standard in combination with the expected safety footwear.</p> <p>If the footwear is supplied without an insock this means that the tests were carried out without them. Wear only insocks that fulfill the properties of this standard in combination with the identified safety footwear.</p>  |
| <b>DURATION AND DISPOSAL INSTRUCTIONS</b>  | <p>The product lifetime is strictly related to its use, cleaning cycles, and consequent material degradation. At the end of useful life be sure to not leave it in the natural environment: please follow your local / national environmental regulations and properly dispose of it. Further information regarding these regulations can be obtained from your local authorities.</p>   |
| <p><b>Declaration of Conformity:</b> available at the following link:<br/><b>AT/DE:</b> <a href="https://luhta.com/at/de/content/dachstein-zertifizierungen">https://luhta.com/at/de/content/dachstein-zertifizierungen</a><br/><b>Global:</b> <a href="https://luhta.com/global/en/content/dachstein-certification">https://luhta.com/global/en/content/dachstein-certification</a></p> |  |