TEST REPORT

Pfanner cut protection boots "Zugspitze Extreme" and "Säntis"

Test no. 10453

OWNER OF TEST CERTIFICATE

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Piz Buin

Screw-in spike set

Results and assessments

Results from the 2022 practical test

Pfanner "Zugspitze Extreme" and "Säntis" cut protection boots

Pfanner Schutzbekleidung GmbH, Herrschaftswiesen 11, 6842 Koblach, Austria

Brief description

Material	Outer material: Perwanger suede leather; inner material: Sympatex membrane.
Description	Four lace eyelets, one lace loop, three lace hooks, deep-drawn hooks. Shaft height 24 cm (shape C), PUTEK shaft padding, Sympatex membrane. Vibram tread sole, center bar equipped with bar claw (PizBuin) or suitable for screw-in spikes.
Weight (per shoe)	Approx. 1,130 g (size 43).
Size	39 to 46 (oversizes 47 to 48 available at extra cost)
Cut protection	Cut protection class 2 (24 m/s according to EN ISO 17249 tested by DPLF (K-EG 2019/8125); mode of action of the cut protection material: layered cut protection, braking; leather, rubber, Raschel knit. Certified according to EN ISO 20345.

Overall assessment

application field

All forestry work with and without a chainsaw in easy, medium, and difficult terrain. Duration of use in the test 932 days of wear at a total of eleven test sites.

Feature	Result
Wearing characteristics	**+/O**
Durability	**+**
Features	**+/O**
Care	**+**
	good

++ = very good; + = good; o = satisfactory; - = adequate; - - = poor

Brief description from the wear test

The "Zugspitze Extreme" and "Säntis" cut protection boots proved to be excellent winter boots for low temperatures with good moisture repellency. The handle is low, and the shoe is too wide on the outside for machine operation. The shoe is quite small on the inside, but provides good support. A center bar claw and screw-in spikes for the center bar are available and were also tested.

Individual details from the product tests

Feature	Details (+)	Details (-)
Wearing characteristics	No chafing when the size is right. Good mountain boot, even in extreme conditions. Easy to put on and take off, good lacing. Provides good ankle support. Good grip on the sole, even in wet weather. Good insulation in cold temperatures, keeps water out well, delayed water absorption due to the rubber rim. Good winter shoe for medium to difficult terrain. Good grip on the sole thanks to spikes. The ankle area is well stabilized, so there is hardly any risk of twisting your ankle.	Trying on is recommended, as the size runs very small. The handle is a little too low, depending on your preference, which causes pressure points. Subjectively rather heavy. Problems when driving due to the rather wide style at the front. Lacing is not effective because the hooks are poorly positioned. Poor heat dissipation and poor climate control in summer, heat build-up. Stiff, uncomfortable upper material after drying. High temperature on warm working days.
Durability	Dimensionally stable shoe with minimal wear on the sole. Good bonding and intact seams.	Rapid wear of the laces due to sharp-edged eyelets. Rapid darkening of the upper material depending on the type.
Features	Grippy tread, spikes in the midsole were rated positively.	Poor rolling behavior due to stiffer sole.
Care	Low maintenance of the upper material, easy to clean. Self-cleaning sole.	The laces must be completely removed for thorough cleaning.

Certificates and declarations on social and environmental sustainability

The manufacturer provides the following certificates or makes the following declarations:

- No certificates or declarations are available.

This report is based on practical tests and measurements carried out by professional users according to the specifications of the Expert Committee "Occupational safety equipment" of KWF e.V.

KWF Services GmbH awards the product the certification mark 'KWF-Profi'.

Certificate awarded	04.02.2025
Recognition valid until	28.02.2030
Initial recognition	June 2022

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