



BLACK EAGLE SAFETY 50 HIGH EXG (S7)

# WEAR TRIAL WITH GORE-TEX® EXTRAGUARD RIOT POLICE BOOTS

## DETAILS OF THE WEAR TRIAL

Wear trial conducted by Gore in cooperation with officers from German riot police units and footwear partner HAIX, Mainburg, Germany.

**November 2024 – July 2025:** Twenty police officers from German riot police units tested the HAIX GORE-TEX® Black Eagle Safety 50 high EXG (S7) riot boots engineered with innovative EXTRAGUARD upper technology during daily duty for roughly 39 weeks. The boots were worn by rapid reaction units, evidence and arrest units, and technical task forces. Only 30% of the test participants had previously worn police boots with protection class S7.

60% (12 of the 20) participants wore the test boots 2 or 3 days a week between 7 and 9 hours a day.

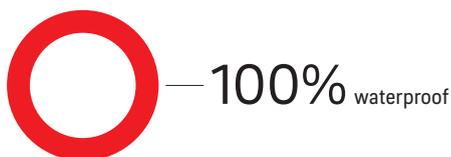
The boots were tested during various riot police activities – on closed training and educational exercise and on individual and support duty.

At the end of the 9 month wear trial feedback was collected through a questionnaire and the data analysed by Munich-based agency Hyve\*.

## RESULTS OF THE WEAR TRIAL

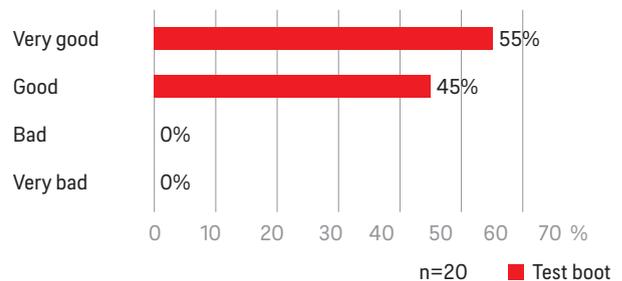
### WATERPROOFNESS

All of the participants confirmed that the test boots were totally waterproof.



### ROBUSTNESS OF THE UPPER MATERIAL

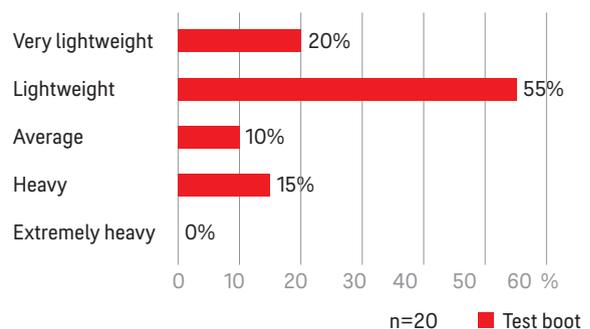
All in all the participants were very satisfied with the robustness of the upper material (in terms of wear and tear). 45% said it was “good”, while 55% even thought it was “very good”.



### WEIGHT (WHEN DRY)

As far as weight was concerned, (when dry) the test boots were said to be better than the boots worn in the past.

55% said they were “lightweight”, while 20% even thought they were “very lightweight”.



*“An all-rounder of a boot”*

*“Feel robust yet they’re as comfortable as trainers”*

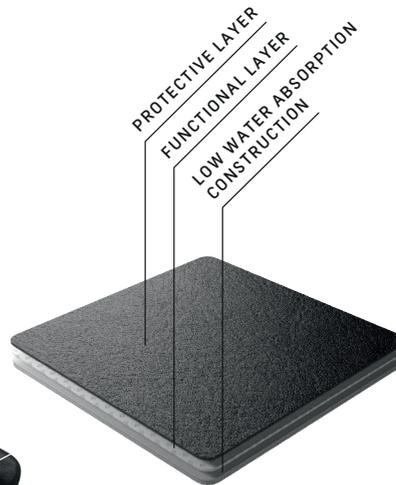
*“So far they’re great”*

# GORE-TEX® EXTRAGUARD RIOT POLICE BOOTS



## GORE-TEX® LINING TECHNOLOGY

- DURABLY WATERPROOF
- BREATHABLE
- CHEMICAL RESISTANT



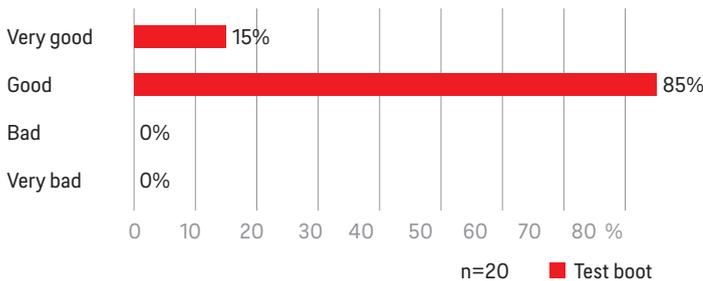
## EXTRAGUARD UPPER TECHNOLOGY

- LIGHTWEIGHT
- STAYS LIGHT WHEN WET
- DURABLY LOW WATER ABSORPTION
- QUICK REDRY
- REDUCED HEAT LOSS WHEN WET
- VERY ROBUST
- EASY CLEAN & MAINTENANCE
- FLAME RESISTANT\*

\* acc. to DIN EN 15090

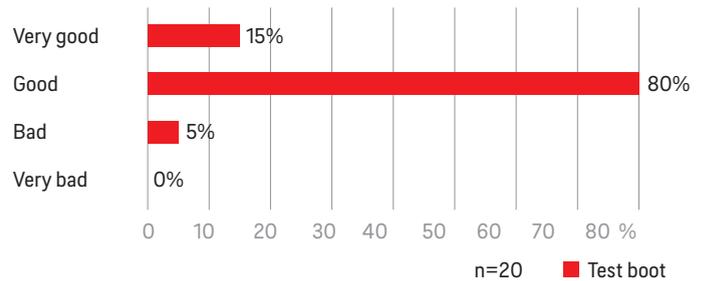
## QUICK RE-DRY

The test boots made a particularly good impression when it came to re-dry. 85% of the participants said it was “good”, while 15% even said it was “very good”.



## BREATHABILITY / SWEATING

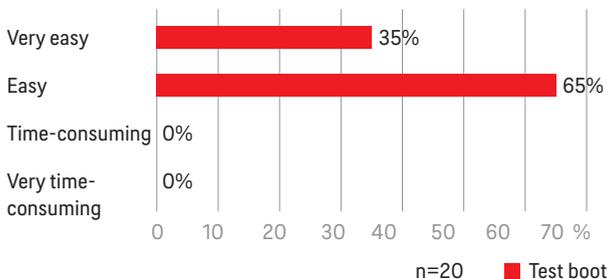
80% of the participants said that when performing a physically taxing task the breathability of the test boots was “good”, while 15% even said it was “very good”.



45% of the participants preferred the test boots to the boots they had worn in the past. For them the fast drying time was key when it came to long duties, short shift changes, and cold and wet conditions.

## CARE / MAINTENANCE

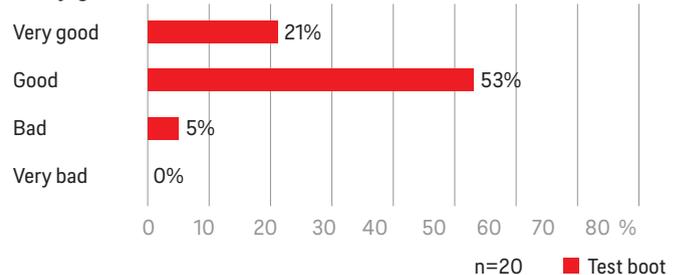
All of the participants were very satisfied with the care and maintenance of the test boots. 65% of the participants said it was “easy” while 35% even considered it to be “very easy”.



## SENSITIVITY TO COLD IN WET ENVIRONMENTS

(RAIN, HOSE WATER, PUDDLES, MUD)

74% of the participants said the temperature inside the test boots in extremely wet conditions was “good” (53%) or even “very good” (21%).



When compared with the boots worn in the past, 53% of the participants said the test boots were “slightly more comfortable” (42%) or even “much more comfortable” (11%).

## OVERALL RECOMMENDATION

95%

95% (19 of the 20 participants) would recommend the boots to others.

