



Test shoes  
**SANDER PRO GTX® ESD S3 (Mid-Cut)** and  
**SENEX PRO GTX® ESD S3 (Low-Cut)**

**ELTEN**



## SUMMER WEARER TRIAL WITH GORE-TEX® EXTENDED COMFORT FOOTWEAR

**Lightweight safety footwear (S3) with high climate comfort factor for garbage workers**

### DETAILS OF THE USER TRIAL

- User trial conducted by Gore in cooperation with Berlin's Public Works Department (**BSR**), one of the largest sanitation departments in Germany, and footwear partner ELTEN, Uedem, Germany.
- July to September 2016: The shoes were tested by 23 street cleaning, refuse collection and recycling staff at Berlin's Public Works Department (Berliner Stadtreinigung, BSR). For about 12 weeks they wore low and mid-cut versions of the S3 safety shoes in normal everyday use. Previously, the testers had mostly worn safety footwear without a membrane.
- 90% of the test persons wore the shoes 4-5 days a week and 6-9 hours a day – indoors, outdoors and in vehicles.
- Most of the testing was done while the wearers were on their feet or performing outdoor tasks, for example, cleaning streets and pavements using special vehicles or hand-operated equipment such as brooms and dustcarts, collecting waste or carrying out tasks at recycling facilities.
- At the end of the 12 week user trial, feedback was collected through a questionnaire and a personal debriefing session.

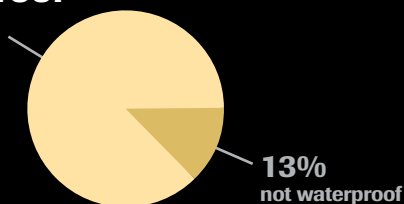
The data was analysed by Hyve and Gore.

### RESULTS OF THE USER TRIAL

#### WATERPROOFNESS

20 of the 23 test persons confirmed that the shoes were totally waterproof.

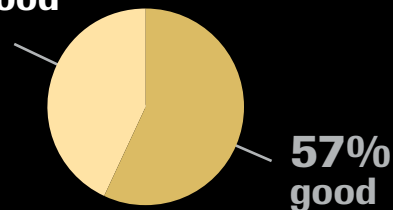
**87%**  
**waterproof**



#### WEAR COMFORT

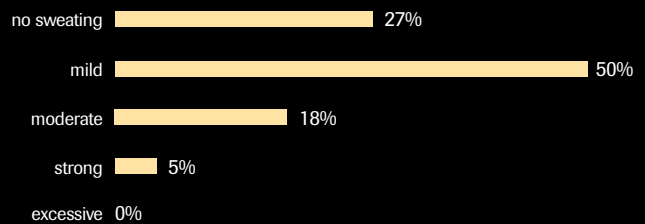
43% of the test persons said that the wear comfort of the test shoes was "very good".

**43%**  
**very good**



#### SWEATING

77% of the wearers said they perceived "no sweating" or only "mild" sweating with the trial shoes.



68% of the test persons said that they had even sweat "less" than in their old shoes (without a membrane).

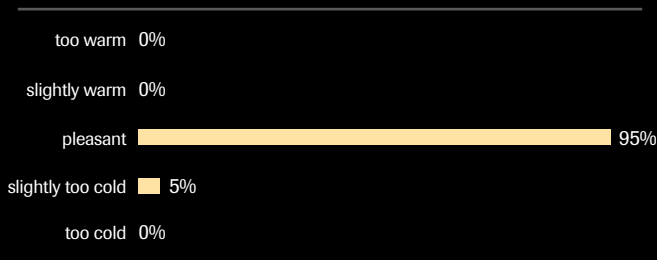


“A very comfortable, quick-dry, lightweight shoe.”

“Looks great, so I think it's a very good shoe.”

### PERCEPTION OF TEMPERATURE

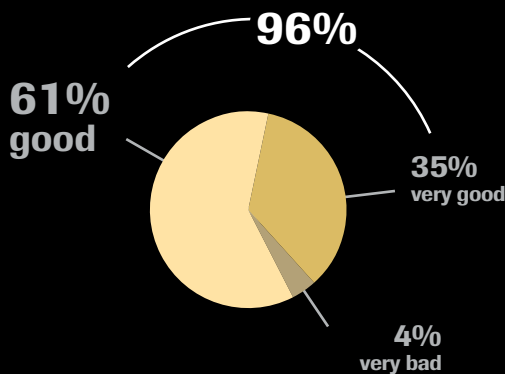
95% of the wearers confirmed that the temperature inside the trial shoes was “pleasant”, particularly when the outdoor temperatures were between 10 °C and 25 °C. 82% of the wearers said that the temperature inside the shoes was still “pleasant” at temperatures above 25 °C.



27% of the test persons said that they actually found the test shoes “cooler” than their old shoes (without a membrane).

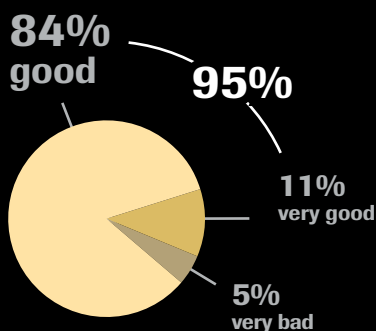
### WALKING COMFORT

96% of the test persons praised the shoes for their walking comfort. On average, the trial participants walked a total distance of 16 km a day.



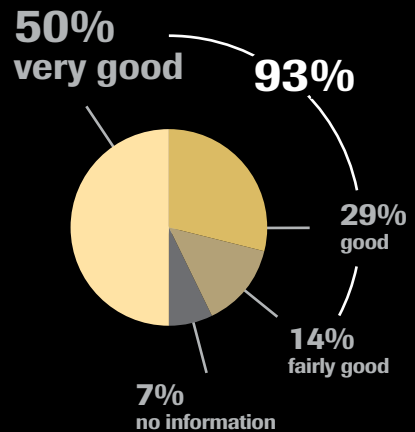
### DURABILITY (WEAR AND TEAR)

95% of the wearers were very satisfied with the wear resistance of the test shoes.



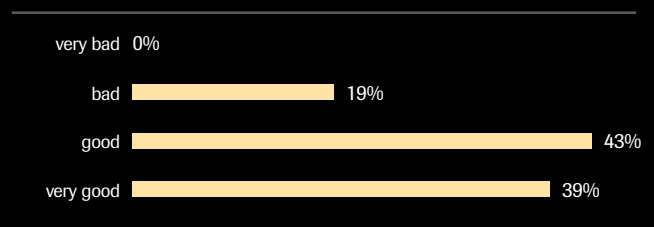
### QUICK RE-DRY

Nearly all of the test persons (93%) were very satisfied with the speed at which the test shoes dried.



### WEIGHT

82% of the wearers praised the test shoes for their light weight.



Recommendation rate: 100%

