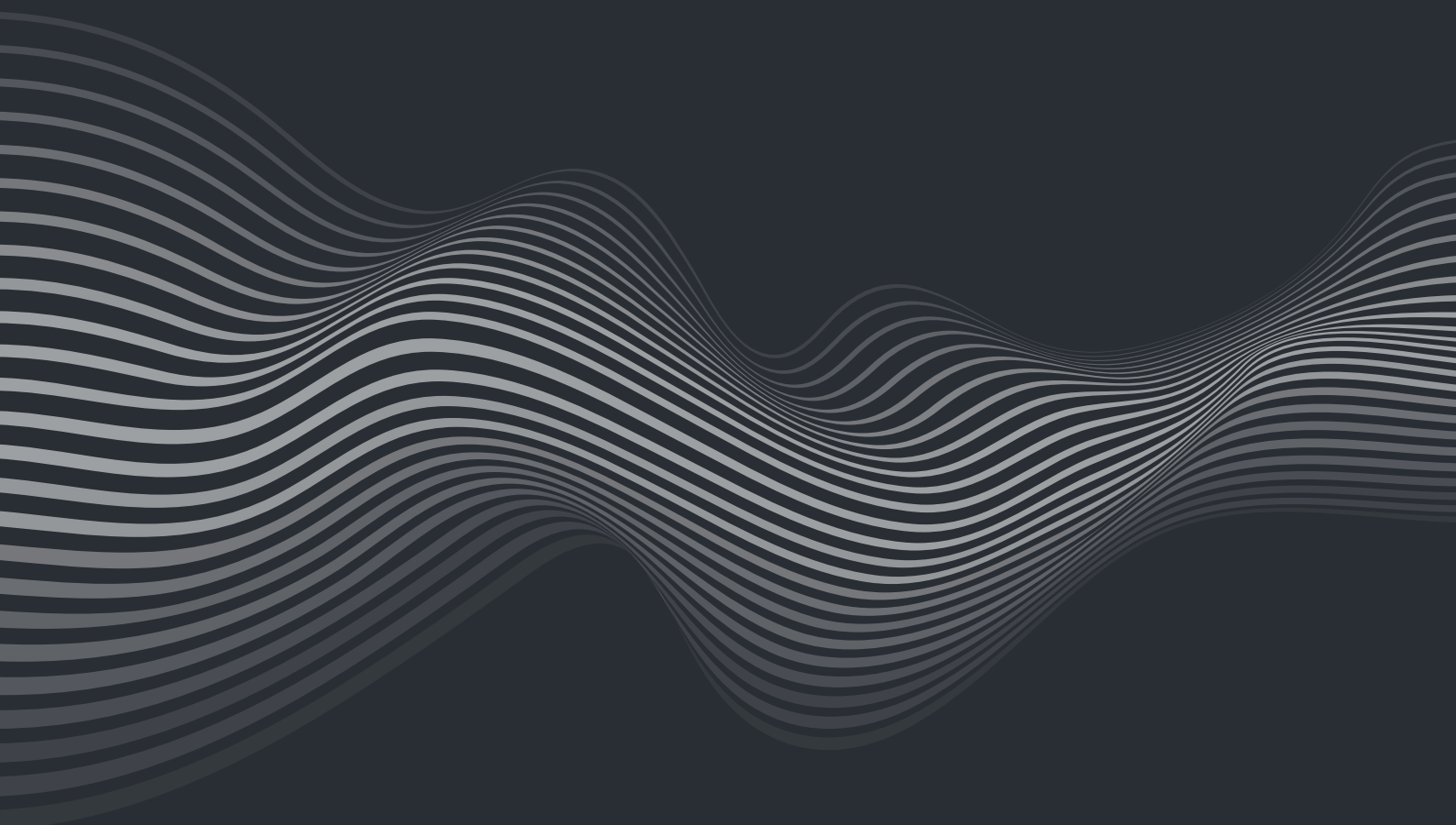


CERTIFICATES SYMBOLS TECHNOLOGIES



CERTIFICATES AND SYMBOLS

SAFETY (S) FOOTWEAR is used in workplaces where there is a risk of mechanical injury. It is equipped with toe caps that protect the toes from injury. Their durability is tested by an impact with energy of 200 J and a compression of at least 15kN. Safety footwear is classified as personal protective equipment and meets the requirements of the standard EN ISO 20345:2011.

Categories of occupational footwear (S)	Requirements						
	SB	S1	S2	S3	S4	S5	S1P
Toe cap - toe protection against impact with energy of 200 J and a compression of at least 15 kN	✓	✓	✓	✓	✓	✓	✓
Puncture resistance (P)				✓		✓	✓
Closed heel area		✓	✓	✓	✓	✓	✓
Slip resistance (SRA or SRB or SRC)	✓	✓	✓	✓	✓	✓	✓
Antistatic properties (A)		✓	✓	✓	✓	✓	✓
Energy absorption in the heel area (E)		✓	✓	✓	✓	✓	✓
Water penetration resistance (WRU)			✓	✓			
Water resistance (WR)					✓	✓	
Resistance to contact with oil (FO)		✓	✓	✓	✓	✓	✓
Carved sole				✓		✓	




OCCUPATIONAL (O) FOOTWEAR - footwear with protective properties designed to protect the wearer from injuries that may result from accidents. Occupational footwear is classified as personal protective equipment and meets the requirements of EN ISO 20347:2012.

Categories of occupational footwear (O)	Requirements					
	O0	O1	O2	O3	O4	O5
Puncture resistance (P)				✓		✓
Closed heel area		✓	✓	✓	✓	✓
Resistance to contact with oil						
Antistatic properties (A)		✓	✓	✓	✓	✓
Energy absorption in the heel area (E)		✓	✓	✓	✓	✓
Water penetration resistance (WRU)			✓	✓		
Water resistance (WR)					✓	✓
Slip resistance (SRA or SRB or SRC)	✓	✓	✓	✓	✓	✓
Carved sole				✓		✓

PROPERTIES

-  P - PUNCTURE RESISTANCE WITH A FORCE OF 1100 N
-  E - ENERGY ABSORPTION IN THE HEEL AREA
-  FO - THE SOLE RESISTANT TO DIESEL FUEL
-  WRU - WATER PERMEABILITY AND WATER ABSORPTION OF THE UPPER MATERIAL
-  WR - WATER RESISTANCE OF FOOTWEAR
-  WASHABLE 30°
-  WASHABLE 60°
-  HI - ISOLATION OF THE BOTTOM FROM THE HEAT
-  CI - ISOLATION OF THE BOTTOM FROM THE COLD
-  HI3 - ISOLATION FROM HEAT, THE THIRD LEVEL OF THERMAL RESISTANCE
-  A - ANTISTATIC FOOTWEAR
-  POSSIBILITY OF DESINFECTION
-  AUTOCLAVABLE AT TEMPERATURES UP TO 134°
-  AN - ANKLE PROTECTION
-  REPLACEABLE INSOLE
-  ANTIBACTERIAL INSOLE
-  ANTIBACTERIAL LINING
-  ALU ALUMINIUM TOE CAP
-  STEEL STEEL TOE CAP
-  COMP COMPOSITE TOE CAP
-  TOE CAP PROTECTION
-  A - ANTISTATIC FOOTWEAR
-  HRO RESISTANCE OF THE BOTTOM TO CONTACT WITH THE HOT SURFACE
-  METAL FREE FOOTWEAR WITHOUT METAL ELEMENTS
-  LADDER SOLE
-  PROTECTION AGAINST ELECTROSTATIC DISCHARGE
-  ORTHOPEDIC INSOLES USED
-  HACCP - COMPLIANT FOOTWEAR
-  NO LINING
-  INTEGRATED INSOLE
-  MASSAGING INSOLE
-  QUICK SHOE REMOVAL SYSTEM
-  QUICK DONNING SYSTEM
-  DECLARATION OF CONFORMITY
-  REFLECTIVE ELEMENTS
-  BELLOWS TONGUE
-  NON-FLAMMABLE SOLE
-  HEAT RESISTANT SOLE
-  MEMBRANE LINING
-  INCREASED SLIP RESISTANCE
-  INCREASED BREATHABILITY
-  INCREASED WATER RESISTANCE
-  INCREASED DURABILITY OF THE UPPER
-  HEAT-RESISTANT LEATHER
-  ATEX - FOOTWEAR INTENDED FOR USE IN POTENTIALLY EXPLOSIVE AREAS
-  SPECIALISED FIREFIGHTERS FOOTWEAR INCREASED SLIP
-  INSULATED








ANTI-SLIP PROPERTIES

-  **SRA** SLIP RESISTANCE OF THE SOLE ON A CERAMIC SURFACE, COVERED WITH SLS SOLUTION
-  **SRB** SLIP RESISTANCE OF THE SOLE ON A STEEL GROUND, COVERED WITH GLYCEROL
-  **SRC** SLIP RESISTANCE ON CERAMIC, COATED WITH SLS SOLUTION AND ON STEEL, COATED WITH GLYCEROL

INDUSTRIES

- | | |
|---|---|
|  CONSTRUCTION |  GASTRONOMY |
|  HOSPITALS |  MEDICAL INDUSTRY |
|  ELECTRONICS INDUSTRY |  PROTECTION CONVOYS |
|  FIREFIGHTER AND MEDICAL RESCUE |  LIGHT INDUSTRY |
|  HEAVY INDUSTRY |  HORECA |
|  TACTICAL |  FOOD PRODUCTION |
|  PHARMACY |  TACTICAL TREKKING |
|  TRANSPORT WAREHOUSES |  CAR SERVICE MAINTENANCE SERVICE |

TECHNOLOGIES

-  ANA-TECH
-  PRT FLEX
-  SHOCK ABSORBER
-  SELF CLEAN
-  PRO TENDON
-  UV PROTECTION
-  COLD PROTECTION

TECHNOLOGIES



ANA-TECH

ANA-TECH is a technology whose secret is the carefully designed shape of the sole. The widened heel area helps to minimise the risk of ankle sprains, thanks to a larger surface area adjacent to the floor than in standard footwear.

PRT FLEX

PRT FLEX - technology ensuring comfort of use. High flexibility of the shoe is achieved by elevating the nose pad and the back of the tread, which allows the sole to adapt to the anatomical movements of the foot when walking, bending, kneeling and working in various positions of the body. With PRT FLEX, it becomes much easier to move over a diverse surface due to the flexibility of the sole and its ability to adapt to the natural changes in the position of the foot in the shoe.



SHOCK ABSORBER

Shock absorption, reduces the occurrence of micro-damage. SHOCK ABSORBER is a technology used in the construction of specialised footwear soles, which is designed to relieve as much pressure as possible on the joints during movement. The system is located in the sole in the form of contrasting inserts. SHOCK ABSORBER disperses huge amounts of kinetic energy, which affects the body with every step. In addition to significantly increasing the ergonomic value of the footwear, SHOCK ABSORBER technology helps prevent postural defects and injuries.

SELF CLEAN

The SELF CLEAN technology used in the design of the sole is a system of channels in the tread that automatically drain water on a regular basis. This allows you to maintain proper grip and stability even on wet surfaces. SELF CLEAN provides extra support even when moving intensively between wet and dry ground.





PRO-TENDON

The special construction of the upper is the application of PRO-TENDON technology, aimed at strengthening the protection of the Achilles tendon, which significantly improves the resistance to mechanical injury. In addition, this construction stabilises the ankle joint, which reduces the possibility of its twisting.

UV PROTECTION

UV PROTECTION is a technology applied to the entire length of the shoe, protecting against the effects of UV rays on the materials from which it is made. This extends the durability and lifetime of footwear and makes it easier to keep the leather in good condition. The technology also helps to maintain the optimum temperature inside the footwear on sunny days.



C°LD PROTECTION

The COLD PROTECTION technology provides insulation for the user's foot at very low temperatures. It guarantees thermal comfort when working in cold stores, freezers and in winter weather conditions.

The unique, durable and developed COLD PROTECTION system is a construction/technology/material composition created in cooperation with our technology partners. In terms of materials, COLD PROTECTION consists of thermal insulating elements in the upper (using the technological material Thinsulate) and a special blend of materials in the sole.

The Thinsulate material used is a unique microfibre technology that ensures the highest thermal parameters with the lowest weight and thickness. The material is waterproof and breathable at the same time. It is durable and hypoallergenic.

CONTACT

WEST EUROPE ABEBA

Spezialschuh-Ausstatter GmbH

Schlackenbergstraße 5

66386 St.Ingbert

e-mail: abeba@abeba.de

tel: 06894/3103-100

fax: 06894/3074

www.abeba.com

EAST EUROPE PROTEKTOR S.A.

ul. Vetterów 24a-24b

20-277 Lublin, Polska

e-mail: sale@eprotektor.com

tel.: +48 81 532 22 31

www.eprotektor.com

