



## CONSTRUCT HRO thinsulate

01-010864H

Observing the struggles and difficult work of workers in the wood industry, construction, finishing and renovation industries - we have created a completely new line of footwear. The most important for us was the comfort of movement and the versatility of the shoe. High anti-slip properties are suitable for difficult working conditions and changing weather outside.



Brand	PROTEKTOR
Industry	Construction / Finishing works
Product type	Ankle boots
Color	● Black
Norm	EN ISO 20345:2011
Certificate	IPS-1439-7/2022 edition.1
Product features	increased breathability, increased water resistance, composite toe cap, metal free, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, bellows tongue, insulated, disinfection, PRO-TENDON technology (Achilles tendon protection), COLD PROTECTION technology
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 2,0 mg / (cm<sup>2</sup> * h) - our result is 42.9 c, the water vapor coefficient is required at least 20 mg / cm<sup>2</sup> and our result is 343.3</p> <p>material of the collar and tongue - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 58.2 mg / (cm<sup>2</sup> * h), the water vapor coefficient is minimum 15 mg / cm<sup>2</sup> and our result is 466 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent tensile strength parameters, a minimum of 15 N/mm<sup>2</sup> is required and our result is 29.1 N/mm<sup>2</sup></p> <p>outsole - increased abrasion resistance required result in the standard: less than or equal to 150 mm<sup>3</sup> - our result 70 mm<sup>3</sup>, energy absorption in the heel area according to the standard minimum 20J, our result 30.6J</p> <p>resistance of the outsole to acids</p> <p>heat-resistant outsole (resistant to contact with 300°C for 60 seconds)</p> <p>outsole - protection against ankle sprains, thanks to the increased stability provided by the extended heel area - up to 92 mm wide in size 42</p> <p>outsole design for easy removal using the "shoe against shoe" method</p>
Upper material	Grain leather/Fabric
Lining & Sock	Technological fabric
Insole	Fabric, replaceable insole
Sole	Pu/Rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, resistance to acids, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastener type	Shoelaces
Fit type	H 1/2
Available sizes	FR 35-50 CM 22,5-32,5 UK 3-14,5
Weight (half pair s.42) +/- 3% t.	0,73 kg