## PROTEKTOR





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. Thanks to the high anti-slip properties, it works well in difficult working conditions and in changing weather outside.

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Brand	PROTEKTOR
Industry	Car service / Maintenance service, Construction / Finishing works, Light industry
Product type	Ankle boots
Color	Brown
Norm	EN ISO 20345:2011
Certificate	IPS-1439-28/2021 edition 2
Product features	increased breathability, increased durability of the upper, composite toe cap, metal free, easy-clean upper, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, bellows tongue, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	increased breathability
	lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm2 * h) - our result is 42.9 mg / (cm2 * h), the water vapor ratio is required minimum 15 mg / cm2 - our result is 343.3 mg / cm2
	collar and tongue material - increased water vapor permeability in the requirements of min 0.8 mg / (cm2 * h) - our result is 58.2 mg / (cm2 * h), the water vapor coefficient is minimum 15 mg / cm2 - our result is 466 mg / cm2
	increased durability of the upper
	grain leather - excellent parameters tensile strength along and across a minimum of 15 N / mm2 is required and our result is 29.1 N / mm2
	outsole - increased abrasion resistance required by the standard: less than or equal to 150 mm3 - our result 24 mm3
	energy absorption in the heel area according to the standard minimum 20J, our result 27.2J
	resistance of the outsole to acids and alkalis
	resistance of the outsole to short-term contact with hot ground at a temperature of 180°C
	stability provided by the extended heel area - in size 42 up to 95 mm wide
	outsole design for easy removal using the "shoe against shoe" method
Upper material	Grain leather
Lining & Sock	Technological fabric
Insole	Fabric, replaceable insole
Sole	Pu/Pu, sole tread allowing climbing the ladder safely, resistance to acids, resistance to bases, resistance to short-term contact with hot ground at 180 ° C, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole)
Fastener type	Shoelaces
Fit type	H 1/2
Available sizes	FR 35-51 CM 22,5-33 UK 3-15,5
Weight (half pair s.43) +/- 3% t.	0,72 kg