KYLE III
222BV-06

CE

EN ISO 20345:2022 + A1: 2024

Class: S3S CI HI SC HRO FO LG SR
Sizes: 39-48
Width: 11 - MONDOPOINT
Construction STROBEL-PU/RUBBER

PEZZOL

Safety boot made of full-grain Supreoil leather with high water resistance proprieties. The Polyester lining with membrane.
The outcome is a shoe with excellent sweat control and high abrasion resistance, which combined with heat-insulating synthetic material, offers excellent comfort and dry feet, protecting them from cold outside.
Two-component Icon Pu-Rubber Vibram®sole, guarantees maximum support and stability on difficult uneven grounds.
Slip-resistance sole tested to the SATRA laboratories on metal grating and wooden scaffold boards.
PZX fiberglass toe cap and anti-puncture Txzero insert for extreme lightness, protection and flexibility.

Complete shoe	Norm	Description	Unit	Pezzol Result	Requirement
Toe cap: Compo200 Non-metallic toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	16	≥ 14
	5.3.2.4	Compression resistance	mm	18	≥ 14
Antipuncture: TXZERO Non-Metallic Textile Multi-Layer midsole	6.2.1.1	Perforation resistance	N	> 1.100N	≥ 1.100
Energy absorbtion of the seat region	6.2.4	Energy absorption in the heel area	J	32	≥ 20
Upper: Supremoil crasy horse leather Thickness 1.8/2.0 mm	5.4.6	Water vapour permeability	mg/cmq h	2	≥ 0,8
	5.4.6	Water vapour coefficient	mg/cmq	28	≥ 15
	6.3	Water absorbtion	%	6%	≤ 30%
	6.3	Water penetration	gr	0	≤ 0,2
	5.4.3	Tearing Strength	N	259	≥ 120
Vamp lining: 100% honeycomb finished polyester, breathable and abrasion resistant	5.5.3	Water vapour permeability	mg/cmq h	3	≥ 2
		Coefficient of permeability	mg/cmq	24,2	≥ 20
	5.5.1	Tearing Strength	N	33	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	> 25600	no rupture after 25600
		Abrasion resistance (wet)	cycles	> 12800	no rupture after 12800
Quarter lining: 100% honeycomb finished polyester, breathable and abrasion resistant	5.5.3	Water vapour permeability	mg/cmq h	3	≥ 2
		Coefficient of permeability	mg/cmq	24,2	≥ 20
	5.5.1	Tearing Strength	N	33	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	> 25600	no rupture after 25600
		Abrasion resistance (wet)	cycles	> 12800	no rupture after 12800
Heel: 100 % PL High Abrasion Resistance		Abrasion resistance (dry)	cycles	> 51200	no rupture after 51200
		Abrasion resistance (wet)	cycles	> 25600	no rupture after 25600
Removable insock: anatomic insole in polyurethane foam covered with honeycomb fabric for maximum breathability	5.7.3	Water Absorption	Mg/cm^2	> 70	≥ 70
		Water Absorption (Ability to release water)	%	> 80%	≥ 80%
PU/RUBBER SRC: Esolight® 1.0 Polyurethane comfort sole chemically bonded to a ICON VIBRAM outsole.	5.8.2	Tearing Strength	kN/m	10.9	≥ 8
	5.8.3	Abrasion resistance	mm^3	98	≤ 150
	5.8.4	Bending resistance (int.test after 30.000 flex)	mm	1,5	≤ 4
	6.4.2	Hydrocarbons resistance (volume increase)	%	4%	≤ 12%
	5.14	Ceramic floor with water and detergent	Condition A	0,54	≥ 0,31
			Condition B	0.44	≥ 0,36
		Ceramic floor with glycerin	Condition C	0,41	≥ 0,19
			Condition D	0,3	≥ 0,22

Chromium VI: undetectable, less than the detection limit of the method (3mg/kg)
Azo dyes: Under the conditions described in the tests, are not were detected in this component azo dyes prohibited by the Directive 2002/61 / EC of 19 July 2002 relating to restrictions on placing on the market and use of certain dangerous substances and preparations (azocolourants) Method UNI EN ISO 17234 -1: 2010
Leather, chemical analysis- (*) Determination of certain azo colorants in finished leathers - Analysis cromotografica high performance HPLC - Gas Analysis