

PEZZOL®ITALIAN FOR
SAFETY FOOTWEAR**TECHNICAL SHEET**

Article nr: OSLO-L 271E-022
 Protection Class: EN ISO 20345:2011, S3, SRC
 Sizes: UK 4-13 // EU 37-48
 Construction: STROBEL-PU/PU



Upper				
Material	Description	Test	Requirement	EN 20345
Leather	Resistance to tearings	189 N	≥ 120 N	5,4,3
	Permeability to water vapour	4,3 mg/cm ²	≥ 0,8 mg/cm ²	5,4,6
Polyurethane scuff cup				
Synthetic fur lining				
REMOVABLE INSOLE				
Material	Description	Test	Requirement	EN 20345
Foam with polyester lining	Abrasion Resistance (25.600 cycles dry - 12800 cycles wet)	ok	No damage	5,7,4,2
PROTECTION				
Material	Description	Test	Requirement	EN 20345
Steel Toecap	Impact Resistance (200 J) *free room after the impact	15	≥ 14 mm	5,3,2,3
EN 12568	Compression Resistance *Free room after the compression	15,5	≥ 14 mm	5,3,2,4
Steel midsole	Perforation Resistance	OK	≥ 1100 N	6,2,2
SLIP RESISTANCE: "SRC"				
EN 13287		SRA		SRB
		Ceramic floor, with detergent solution		stainless steel plate, with glycerine
Friction coefficient		TEST	REQUIREMENT	TEST
				REQUIREMENT
HEEL (CONTACT ANGLE: 7°)	0,44	> 0,28		0,15
				> 0,13
SOLE UNIT	0,46	> 0,32		0,19
				> 0,18
OUTSOLE				
Material	Description	Test	Requirement	EN 20345
PU/ PU	Resistance to tearings	9.3 kN/m	≥ 8 kN/m	5,8,2
	Abrasion Resistance			
	* Volume loss	55 mm ³	≤ 150 mm ³	5,8,3
	Flexions resistance			
	* Cuttings after 30k cycles	1.0 mm	≤ 4 mm	5,8,4
	* Hydrolysis: Cuttings after 150k cycles	3.5 mm	≤ 6 mm	5,8,5
	Hydrocarbon Resistance			
	* Volume variation	0,40%	≤ 12%	5,8,7
	Resistance to upper\sole detaching	3.6 N/mm	≥ 3,0 N/mm	5,8,6