

Article	KITZBUEHEL WR
Category	S3 WR HRO SRC
Sizes	38 - 47
Width	11
Weight (half pair, sz 42)	575 gr
Metal free	Yes
Certification	CE



RAIN & COLD

UPPER	water resistant nubuck leather, high visibility rear insert
WATERPROOF	PERF-DRY120 membrane, totally waterproof and breathable
LINING	extremely breathable polyamide lining. It absorbs moisture quickly and ensures a greater comfort during the whole working day. Optimal resistance to abrasion and anti-bacterial
TOE CAP	non-magnetic toecap, from composite materials. 50% lighter than steel
ANTI-PERFORATION MIDSOLE	non-magnetic, perforation resistance composite fabric plate. It is 40% lighter and more flexible than steel plate and at the same time guarantees an optimal protection covering 100% of the foot surface. Certified EN 12568:2010
FOOTBED	insole PU 10mm expanded, covered with antibacterial fabric
SOLE	PU/Vibram® rubber with high profile and deep tread for extreme condition of use. Resistant to heat contact up to 300 °C

	Requirements EN ISO 20345:2011	Test Results
UPPER		
Water Vapour Permeability	mg/cmq*h ≥ 0,8	4,7
Water Vapour Coefficient	mg/cmq ≥ 15	42,8
LINING		
Water Vapour Permeability	mg/cmq*h ≥ 2	2,5
Water Vapour Coefficient	mg/cmq ≥ 20	20,7
TOECAP		
Impact resistance: clearence under the toecap	mm ≥ 14	15
Compression resistance: clearence under the toecap	mm ≥ 14	15,5
ANTI-PERFORATION MIDSOLE		
Penetration resistance (EN ISO 12568:2010)	N ≥ 1100	≥ 1100
ELECTRICAL RESISTANCE		
- wet condition (85% relative humidity)	MΩ ≥ 0,1	71
- dry condition (30% relative humidity)	MΩ ≤ 1000	450
SOLE		
Abrasion resistance: relative volume loss	mm' ≤ 150	50
Flexing resistance: cut growth	mm ≤ 4	1,5
Resistance to fuel oil: volume increase	% ≤ 12	1
Energy absorption of seat region	J ≥ 20	36
Slip resistance on steel ground with glycerine	7° Heel ≥ 0,13 Flat ≥ 0,18	0,15 0,19
Slip resistance on ceramics ground with detergent	7° Heel ≥ 0,28 Flat ≥ 0,32	0,34 0,46

