



BISON IGS VR600.01

Safety Specification

EN ISO 20345:2022+A1:2024 S3S HRO LG SR



TOECAP



PUNCTURE-RESISTANT



SRC
SLIP-TESTED



SCAFFOLD BOARD
SLIP-TESTED



KENNEDY GRATING
SLIP-TESTED



CHEQUER PLATE
SLIP-TESTED



LADDER
GRIPS



WATER-
RESISTANT UPPER



HEAT-
RESISTANT



ANTI-
STATIC



METAL-
FREE



FUEL OIL-
RESISTANT



ENERGY
ABSORPTION



CLOSED HEEL



CLEATED
OUTSOLE

Size

Available in sizes:
3 - 13 (36 - 48)

Weight

852g
based on a size 8 (42)

Sole

Slip safety ensured with the innovative IGS™ sole unit, featuring ladder grips for working safely at height and a water-dispersing tread to keep the wearer stable on slippery and contaminated surfaces

Upper

Feet are kept dry and cool with a water-resistant and breathable full grain leather upper, long-lasting comfort is achieved through tough reinforced stitching, and added comfort when driving and using ladders comes from a padded cut-away collar.

Footbed

Feet remain cool and sweat-free with a heel pump and heat-reducing air flow channels, while a cushioned foam with air holes for breathability aids comfort.

Lining

Feet stay cool and sweat-free with a moisture-wicking and highly breathable padded lining.

Warranty

We're so confident that our boots will stand the test of time, we offer a 200-day guarantee as standard.

Additional Information

Also available in brown leather and in XL sizes 14 - 16 (49 - 51).

Description

- A lightweight black full grain leather safety boot
- Toes stay protected with a composite toecap
- Underfoot is safe with a protective composite midsole
- Safe and stable grip on slippery surfaces with the IGS™ sole unit

Toecap

Feet are kept safe from heavy or dropped items with a strong but lightweight composite toecap, tested to 200 Joules.

Protective midsole

Feet are protected from sharp items entering underfoot with a strong but lightweight composite anti-penetration midsole, tested to 1,100N.

EN ISO 20345:2022 standards for general purpose safety footwear, plus additional (optional) safety features.

Features	Test Performed	Safety Classifications													
		SB	S1	S2	S3	S3L	S3S	S4	S5	S5L	S5S	S6	S7	S7L	S7S
	Slip resistance now seen as mandatory, so no symbol given	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SB	Safety toecap protection only, tested with 200 J impact and 15 kN compression force	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A	Anti-static: electrical resistance between foot and ground of between 0.1 and 1,000 mega ohms*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E	Energy absorption of the seat region: energy absorbed to be not less than 20 J		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA	Water penetration and absorption (water-resistant and breathable)			✓	✓	✓	✓					✓	✓	✓	✓
WR	Water-resistant footwear (waterproof membrane)											✓	✓	✓	✓
P	(Metal insert type P) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N				✓				✓				✓		
PL	(Non-metal insert type PL) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N and no separation of the layers shall occur during all tests					✓				✓				✓	
PS	(Non-metal insert type PS) Penetration-resistant outsole: Average penetration value shall not be less than 1,100 N with no single value shall be lower than 950 N						✓				✓				✓

Additional Safety Features

HRO	Heat-resistant outsole compound: shall withstand 300°C for 60 seconds
FO	Resistance to fuel oil
LG	Ladder grip
SC	Scuff cap abrasion
CR	Cut-resistant upper: cut-resistant index to exceed 2.5
M	Metatarsal protection 100 J impact energy
SR	Slip test will feature glycerine on ceramic tile surface
C	Partially conductive footwear. The electrical resistance shall not be greater than 0.1 mega ohms between foot and ground*
CI	Insulation against the cold: 30 minutes at -17°C, the decrease shall not be more than 10°C
HI	Insulation against heat: 30 minutes at 150°C, the rise shall not be higher than 22°C
AN	Ankle protection: 10 N impact mean transferred force shall not exceed 10 kN and no single value shall exceed 15 kN

FOOT HEALTH

For foot health advice, scan the QR code.



BOOT CARE

For boot care advice, scan the QR code.



If you're unsure if these are the right boots for you and your environment, head to our boot finder by scanning the QR code and we'll give you our expert recommendations from the V12 range.

sales@V12footwear.com
+44 (0)1249 651 900
V12footwear.com