







Built for comfort, made for work.



Safety Footwear Standards

WHOLE SHOE				
		USA ASTM F2413	Australian 2210.3	European 20345
Toe impact				
101.7 Joule	✓	✓	N/A	
200 Joule	✓	N/A	✓	✓
Toe compression				
11,121 Newton	✓	✓	N/A	
15,000 Newton	✓	N/A	✓	✓
Met impact	✓	✓	✓	✓
Electrical resistance properties	✓	✓	✓	✓
Slip resistance	✓	N/A	✓	✓
Sole bond	✓		✓	✓
Water resistance	✓		✓	✓
Waterproof (selected models only)	✓		N/A	
Ergonomics	✓		✓	✓
TOE CAPS				
		USA ASTM F2413	Australian 2210.3	European 20345
Impact resistance after 5 individual treatments; Heat, Cold, Acid, Alkaline, Fuel oil*	✓	N/A	✓	✓
Corrosion resistance**	✓		✓	✓
PENETRATION RESISTANCE INSERTS & INSOLE BOARD				
		USA ASTM F2413	Australian 2210.3	European 20345
Flex resistance	✓	N/A	✓	✓
Corrosion resistance***	✓		✓	✓
Penetration resistance after 5 individual treatments; Heat, Cold, Acid, Alkaline, Fuel oil †	✓		✓	✓
UPPER MATERIALS				
		USA ASTM F2413	Australian 2210.3	European 20345
Tear strength	✓	N/A	✓	✓
Breathability	✓		✓	✓
Thread strength	✓		✓	N/A
Abrasion resistance	✓		✓	✓
Innocuousness	✓		✓	✓
Flex damage resistance	✓			N/A
Finish adhesion	✓		N/A	
Colour fastness	✓		N/A	

Our safety boots comply with:

- ✓ Australian Standard AS/NZS 2210.3
- ✓ American Standard ASTM F2413
- ✓ European Standard EN ISO 20345

Steel Blue's non-safety work boots also comply with Australian and New Zealand Safety Footwear Standard AS/NZS 2210.5, International and European Safety Footwear Certification EN ISO 20347, and American Safety Footwear Certification ASTM F2892.

* Non metallic toe caps

** Metallic toe caps

*** Metallic inserts

† Non-metallic penetration resistant insoles

** Nitrile outsole only

• Penetration resistant models only

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SOLING					
		USA ASTM F2413	Australian 2210.3	European 20345	
Tear strength	✓	N/A	✓	✓	
Abrasion resistance	✓		✓	✓	
Flex crack resistance	✓		✓	✓	
Hydrolysis resistance	✓		✓	✓	
Fuel oil resistance	✓		✓	✓	
Bond strength	✓		✓	✓	
Hot contact resistance **	✓		✓	✓	
Energy absorption	✓		✓	✓	
Penetration resistance *	✓		✓	✓	
Innocuousness	✓		✓	✓	
Tensile strength	✓	N/A	N/A		
Non-marking	✓				
FOOTBED & INSOLE					
		USA ASTM F2413	Australian 2210.3	European 20345	
Thickness	✓	N/A	✓	✓	
Abrasion resistance	✓		✓	✓	
Water absorption/desorption	✓		✓	✓	
Innocuousness	✓		✓	✓	
Colour fastness	✓		N/A		
Top cloth adhesion	✓		N/A		
Compression resistance	✓		N/A		
FASTENERS & GRINDERY					
			USA ASTM F2413	Australian 2210.3	European 20345
Laces					
Abrasion resistance	✓	N/A	N/A	N/A	
Break strength	✓				
Eyelets					
Attachment strength	✓	N/A	N/A	N/A	
Zips					
Resistance to repeated opening	✓	N/A	N/A	N/A	
Lateral strength	✓				
Teeth strength	✓				
Burst strength	✓				
Locking strength	✓				
Puller attachment strength	✓				
Velcro					
Peel strength	✓	N/A	N/A	N/A	
Shear strength	✓				

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