

TECHNICAL FILE

UPDATEMENT of the document : 01/06/2010
CERTIFICATION NUMBER 0075/007/161/10/10/0461 EXT 02/10/10



LEMAITRE SECURITE SAS
17 rue Bitschhoffen
BP 90024
F 67350 La Walck FRANCE
Tél. : +33 (0)3 88 72 28 80
Fax : +33 (0)3 88 07 05 37
www.lemaitre-securite.com
contact@lemaitre-securite.com



Shoe in suede leather

AIRFOX S1P SRC



Sizes available from 35 to 47
Weight of one pair in size 42 : 800 gr.
Norm EN ISO 20345 : 2007

Upper features

- Upper : suede leather
- Tongue : suede leather
- Lining : tridimensional textile
- Vamp lining : synthetic
- Counter : leather board
- Eyelet : metallics
- Laces : polyamide
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

Protections

- Toecap : non metallic polycarbonate (200 joules)
- Midsole : steel (1100 Newtons)

Fitting features

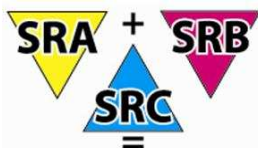
- Natur'form (large)
- Lasting : California
- Lasting insole : textile
- Footbed : polyurethane

Sole features

- Name : C07
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Undermine sole density : 1
- Undermine sole color : black
- Slip resistance SRA (flat) : 0,40
- Slip resistance SRA (heel) : 0,40
- Slip resistance SRB (flat) : 0,17
- Slip resistance SRB (heel) : 0,13

Requirements of the norm EN ISO 20345 : 2007

	Steel toecap		Polycarbonate toecap		Aluminum toecap (200 joules)
	Steel midsole		Non metallic midsole		
A	A Electric resistance – Antistatic shoes.				
Cl	Cl Insulating sole against cold.				
E	E Heel energy absorption.				
Fo	FO Hydrocarbons resistance of the undermine sole.				
Hi	HI Insulating sole against heat.				
Hro	HRO Heat resistance of the sole.				
M	M Metatarsal protection.				
P	P Perforation resistance.				
Wru	WRU Water repellent upper.				
Wr	WR Water repellent junction upper/sole.				



Regarding the norm EN ISO 20345 : 2007,
the minimum results for slip resistance to
get the SRC certificate are :

SRA (flat) = 0,32
SRA (heel) = 0,28
SRB (flat) = 0,16
SRB (heel) = 0,12

Advantages = End users benefits

Non metallic toecap made of injected polycarbonate : invisible when worn as lightweight (2 times less than steel) and ergonomic, chemically inert, elastic (in a crash, the mouthpiece back into shape, releasing the foot easily), nonmagnetic (undetected by metal detectors) and thermal insulation (not sensitive to variation and heat transfer between -10 ° C to +40 ° C).

2,2mm thickness leather for better resistance (to abrasion and tearing) and longer durability.

Tridimensional lining, very breathable and soft for higher ventilation of the foot and improved comfort.

C07 sole :

- Attack heel, for a natural unfolding of the foot during walking and comfort while driving vehicle
- Dual density polyurethane (PU / PU or PU2D) injected for better resistance and comfort
- Heel shape for better security, especially when climbing ladders
- Heel shock absorber
- Non-slip structure with a studded open for better drainage of fluids