

## TRAIL BOOT 6B45.20

S3 SRC

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SIZES 36 - 47



### POROMAX LINING

Removes hot moist air and facilitates uniform temperature inside the shoe.

### NUBUCK LEATHER

Long lasting, flexible and breathable.

### CARBONLIGHT TOE CAP

Non-metallic and ultra-light toe cap against pressure up to 200 joules.

### TOE REINFORCEMENT

Extra protection and resistance.

### COMFORT INSOCK

Soft and light with anti-static points. Easy to remove for cleaning and drying.

### Q-FLEX INSOLE

Anti-perforation, non-metallic and anti-static insole.



### FUSION BICOLOR PU SOLE

Extremely soft and comfortable PU midsole in combination with a hard PU outsole wich provides great grip.



CARBONLIGHT TOE CAP



Q-FLEX INSOLE



RESISTANCE TO WATER ABSORPTION



100% NON METALLIC

**NITRILE RUBBER**

## NORMS EN ISO 20345:2011

**S3** - Closed heel area with the following characteristics:

- A** - Antistatic footwear
- E** - Heel energy absorption
- FO** - Resistance to fuel oil of the outsole
- P** - Penetration resistance sole
- WRU** - Water penetration resistant uppers

### ADDITIONAL CHARACTERISTICS:

**SRC** - Slip resistance on ceramic + sodium lauryl sulfate and steel + glycerin

## ADVANTAGES

Breathable | Comfortable | Excellent anti-slip features | Water-resistant materials

## WORKING ENVIRONMENT

CONSTRUCTION | ENGINEERING | OUTDOOR JOBS

## TRAIL BOOT 6B45.20

### S3 SRC

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CERTIFICATION NUMBER



## TECHNICAL INFORMATION

MATERIALS	STANDARDS	DESCRIPTION	UN.	RESULTS	REQ. EN ISO 20345:2011
<b>UPPER</b> - BLACK NUBUCK LEATHER - Long lasting, flexible and breathable.	<b>6.6+6.8</b>	<b>WATER VAPOUR PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>9,7</b>	min. 0,8
		<b>COEFFICIENT OF PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>83,4</b>	min. 15
	<b>6.3</b>	<b>TEARING STRENGTH</b>	N	<b>321</b>	min. 120
	<b>6.13</b>	<b>TRANSMITED WATER AFTER 60 MIN</b>	g	<b>0</b>	max. 0,2
		<b>ABSORVED WATER 60 MIN</b>	%	<b>4,5</b>	max. 30
<b>UPPER LINING</b> - POROMAX - Innovative technology due to the structure of the internal chambers that removes hot and moist air from the top of the shoe and facilitates the uniform distribution of temperature inside the shoes.	<b>6.6+6.8</b>	<b>WATER VAPOUR PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>32</b>	min. 2,0
		<b>COEFFICIENT OF PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>256</b>	min. 20
	<b>6.3</b>	<b>TEARING STRENGTH</b>	N	<b>32</b>	min. 15
<b>HEEL LINING</b> - BLACK TEXTILE - Special mesh fabric for excellent breathability. High durability of the materials allows to keep properties throughout the period of use.	<b>5.5.1</b>	<b>TEARING STRENGTH</b>	N	<b>18</b>	min. 15
	<b>6.12</b>	<b>ABRASION RESISTANCE (DRY)</b>	-	<b>approved</b>	51.200
		<b>ABRASION RESISTANCE (WET)</b>	-	<b>approved</b>	25.600
<b>INSOLE</b> - Q-FLEX - Anti-perforation, non-metallic and anti-static insole.	<b>6.2.1.1</b>	<b>PERFORATION RESISTANCE</b>	N	<b>approved</b>	no perforation
<b>INSOCK</b> - COMFORT - Soft and light with anti-static points. Easy to remove for cleaning and drying.	<b>5.5.2</b>	<b>ABRASION RESISTANCE (DRY)</b>	cycles	<b>approved</b>	25.600
		<b>ABRASION RESISTANCE (WET)</b>	cycles	<b>approved</b>	12.800
	<b>7.2</b>	<b>WATER DESORPTION</b>	%	-	min 80
		<b>WATER ABSORPTION</b>	mg/cm <sup>2</sup>	-	min 70
<b>SOLE</b> - FUSION BICOLOR PU - Extremely soft and comfortable PU midsole in combination with a hard PU outsole wich provides great grip.	<b>8.2</b>	<b>TEARING STRENGTH</b>	N/mm	<b>10,5</b>	min. 8
	<b>8.3</b>	<b>ABRASION RESISTANCE</b>	mm <sup>3</sup>	<b>18</b>	max. 150
	<b>8.4</b>	<b>BENDING RESISTANCE</b>	mm	<b>0</b>	max. 4
	<b>8.6</b>	<b>OIL RESISTANCE</b>	%	<b>1,9</b>	max 12
		<b>VOLUME VARIATION</b>			
		<b>OIL RESISTANCE INCREASED TOUGHNESS</b>	Shore A	<b>&lt;10</b>	max 10
<b>FULL SHOE</b>	<b>5.11</b>	<b>SLIP RESISTANCE IN CERAMIC WITH WATER AND DETERGENT</b>	flat heel	<b>0,42</b>	min. 0,32
				<b>0,39</b>	min. 0,28
		<b>SLIP RESISTANCE IN STAINLESS WITH GLYCERINE</b>	flat heel	<b>0,18</b>	min. 0,18
				<b>0,13</b>	min. 0,13
	<b>5.4</b>	<b>IMPACT RESISTANCE</b>	mm	<b>13,5</b>	min. 14,0
	<b>5.5</b>	<b>COMPRESSE STRENGTH</b>	mm	<b>18</b>	min. 14,0
	<b>5.14</b>	<b>SHOCK ABSORPTION (HEEL)</b>	J	<b>80</b>	min. 20
	<b>5.2</b>	<b>ADHESION STRENGTH SOLE/CUT</b>	N/mm	<b>4,3</b>	min. 4,0

SHOE WEIGHT (SIZE 42): 658g