

Test Report

SL92509260754301FW

Date: January 15, 2025 Page 1 of 7

Applicant: CORTINA NV
MEERSBLOEM- MELDEN 42,
9700 OUDENAARDE, BELGIUM

Attn: Peter De Mezure

The following products were identified on behalf of the client as:

Group Reference : CADOR S3 LOW
CADOR S3 MID
CADOR S3 LOW TLS
CADOR S3 MID TLS

Model(s) Description : CADOR S3 LOW Safety Low Shoe in Black
CADOR S3 MID Safety Ankle Boot in Black
CADOR S3 LOW TLS Safety Low Shoe in Black
CADOR S3 MID TLS Safety Ankle Boot in Black

The following sample(s) was/were submitted for testing:

Sample Description : A. Three Pairs of Safety Low Shoe in Black
B. One Pairs of Safety Ankle Boot in Black
C. One Pairs of Safety Low Shoe in Black
D. One Pairs of Safety Ankle Boot in Black

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US 9
(A)CADOR S3 LOW
(B)CADOR S3 MID
Model Name : (C)CADOR S3 LOW TLS
(D)CADOR S3 MID TLS
Toecap : SJ Metallic Toecap (#001)
Puncture Resistant Device : SJ Steel Plate
Sole : PU+PU
Upper : Black Polyester Mexico Microfiber, with Black Synthetic OXY PU Covering Counter Area
Collar : (A/C) Black polyester Mexico Microfiber (B/D) Black Synthetic Best PU
Tongue : (A/C/D) Black polyester Mexico Microfiber (B) Black Synthetic Best PU
Vamp Lining : Black Polyester Non-Woven
Quarter Lining : Light Grey Polyester SJ Cadia Mesh
Counter Lining : Light Grey Polyester SJ Cadia Mesh
Tongue Lining : Light Grey Polyester SJ Cadia Mesh
Collar Lining : Light Grey Polyester SJ Cadia Mesh
Insole : Polyester Non-Woven
In-sock (foot-bed) : Dark Grey Polyester Mesh + SJFOAM2 Industrial (PU)/SJ3FIT (REGULAR)
Judgment Accordance : ASTM F2413-24
Test Performance/Standard : See testing results page



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Sample Receiving Date : Jan 10, 2025
Testing Period : Jan 10, 2025 ~ Jan 15, 2025
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Asan Huang (Approved Signatory)

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| Conclusion | A US 9# | Remark |
|---------------------------------------|---------|--------|
| Protective Toe Impact Resistance | P | |
| Protective Toe Compression Resistance | P | |
| Static Dissipative | P | |
| Slip Resistance (Dry and Wet) | P | |

Remark(s) : P = Meet Client's Requirement.



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Test Result

Performance Requirements for Protective (Safety) Toe Cap Footwear

ASTM F2413-24

Protective Toe Impact Resistance

(ASTM F2412-24, Clause 5; Impact energy: 101.75 J)

A US 9#(Left)

| | No. 1 | No. 2 | Requirement |
|-------------------------------|-------|-------|--------------|
| Internal Height Clearance(mm) | 18.8 | 17.4 | Min. 12.7 mm |

Conclusion Pass

A US 9#(Right)

| | No. 3 | Requirement |
|-------------------------------|-------|--------------|
| Internal Height Clearance(mm) | 16.7 | Min. 12.7 mm |

Conclusion Pass

Protective Toe Compression Resistance

(ASTM F2412-24, Clause 6; Compression load: 2500 lbf)

A US 9#(Left)

| | No. 1 | Requirement |
|-------------------------------|-------|--------------|
| Internal Height Clearance(mm) | 24.9 | Min. 12.7 mm |

Conclusion Pass

A US 9#(Right)

| | No. 2 | No. 3 | Requirement |
|-------------------------------|-------|-------|--------------|
| Internal Height Clearance(mm) | 25.9 | 24.7 | Min. 12.7 mm |

Conclusion Pass

Static Dissipative

(ASTM F2412-24, Clause 10; Test Voltage: 50 V)

A US 9#

| | No. 1 | No. 2 | No. 3 | Average | Requirement |
|--------------------------------------|-------|-------|-------|---------|------------------|
| Electrical Resistance (Left)(MΩ) | 3.1 | 11.2 | 4.6 | 6.3 | SD 35: 1 ~ 35 MΩ |
| Electrical Resistance (Right)(MΩ) | 2.7 | 3.9 | 4.3 | 4.0 | SD 35: 1 ~ 35 MΩ |
| Electrical Resistance (One Pair)(MΩ) | 2.9 | 4.3 | 3.1 | 3.4 | SD 35: 1 ~ 35 MΩ |

Conclusion Pass



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Slip Resistance (Dry and Wet)

(ASTM F2913-24; Lubricant: Distilled Water, Vertical Force: (500±25) N)

| A US 9#-left shoe | Unit | Forepart | Heel part | Requirement |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Dry Then Wet | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.53 | 0.47 | Min. 0.40 |
| Wet | - | 0.49 | 0.42 | Min. 0.40 |
| Conclusion | | Pass | | |

| A US 9#-right shoe | Unit | Forepart | Heel part | Requirement |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Dry Then Wet | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.52 | 0.49 | Min. 0.40 |
| Wet | - | 0.50 | 0.42 | Min. 0.40 |
| Conclusion | | Pass | | |

| A US 9#-left shoe | Unit | Forepart | Heel part | Requirement |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Wet Then Dry | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.51 | 0.50 | Min. 0.40 |
| Wet | - | 0.50 | 0.41 | Min. 0.40 |
| Conclusion | | Pass | | |

Remark:

- 1) The performance of slip resistance can be affected by surface roughness, presence of water, contaminants such as grease and other foreign materials, and floor surface wear over time.
- 2) Shoe Size: US 9



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Sample Photo



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The samples B/C/D have not been tested and provided by the client for reference only

Product information is provided by applicant without verification or authentication of the brand.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

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