Rock Fall®
INDUSTRY DEFINING SAFETY FOOTWEAR

Style Ref. **RF4500** Style Name. **Titanium**

Specification: EN ISO 20345:2022 S7S CI HI HRO SC FO SR + ASTM F2413-24 I/C PR

FEATURES

- Anti-Static
- Fibreglass Toecap
- PS Rated Penetration Resistant Insert
- Ladder Grip
- Cold Insulation
- Fuel Oil Resistant Outsole
- Heat Insulation
- Heat Resistant Outsole to 300c
- Water Repellent Upper
- Fully Waterproof

INDUSTRIES

- Agricultural
- Automotive and Aerospace
- Construction
- Emergency Services
- Highways
- House builders
- Offshore
- Quarry and Mining
- Rail
- Security

Product Details

Colour: Black
Size Range: UK 3 - 14
Height: 8.5 inches
Weight: 993g

PRODUCT DESCRIPTION

RF4500 Titanium Safety Boot delivers uncompromising protection through fibreglass toe capping rated to 200 joules, IMPACTSHIELD™ digging plate, Activ-Step® penetration resistant insert and FORCE10® outsole. Waterproof leather construction keeps feet dry whilst the ankle supporting design and side zip ensure stability and rapid deployment across demanding worksites.

MATERIAL BREAKDOWN

UPPER MATERIAL: Leather Working Group Certified, Water Repellent Full Grain Leather
EYELETS: Plastic
ZIPS: YKK® No.8
LACES: 100% Polyester
FOOTBED: Activ-Step® PU Foam, 100% Post Consumer Recycled Polyester Top Mesh
LINING: Waterproof Construction, 40% Nylon, 60% Post Consumer Recycled Polyester
SCUFF CAP: FORCE10® TPU
OUTSOLE: FORCE10® Nitrile Rubber
DIGGING PLATE: Impact Shield™ Polypropylene
PROTECTIVE TOECAP: Fibreglass
PROTECTIVE MIDSOLE: Activ-Step® PS Rated Penetration Resistant Insert

TECHNOLOGIES & ACCREDITATIONS

activ step COMFORT FOOTBEDS
FORCE10®
FORCE10®
IMPACT SHIELD INTERNAL DIGGING PLATE
RTEN™ ABRASION RESISTANT THREAD
YKK Little Parts. Big Difference.

More info on this style at:

WWW.ROCKFALL.COM/PRODUCTS/TITANIUM

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INDUSTRY DEFINING SAFETY FOOTWEAR

OVERVIEW OF SAFETY STANDARDS

Category	SB	S1	S2	S3/L/S	S4	S5/L/S	S6	S7/L/S
Class 1	✔	✔	✔	✔	✕	✕	✔	✔
Class 1	✕	✕	✕	✕	✔	✔	✕	✕
200 Joules Toecap	✔	✔	✔	✔	✔	✔	✔	✔
Closed heel Area	✕	✔	✔	✔	✔	✔	✔	✔
Energy Absorption Of Seat Region	✕	✔	✔	✔	✔	✔	✔	✔
Anti-Static	✕	✔	✔	✔	✔	✔	✔	✔
Water Penetration And Absorption	✕	✕	✔	✔	✕	✕	✔	✔
Perforation Reistance To The Type	✕	✕	✕	✔	✕	✔	✕	✔
Cleated Outside	✕	✕	✕	✔	✕	✔	✕	✔
Water Resistance Of The Entire Shoe	✕	✕	✕	✕	✕	✕	✔	✔

EN 2022 SPECIFICATION

Safety footwear is classified in the UK and EU by the EN 20345 standard using a categorisation of S1 through to S7 to quickly determine the level of incorporated safety components. This is further supported by letter codes for additional safety components or tests the footwear has undercone.

For further infomation contact the Rock Fall sales team.

Always check with your health and safety managment if you are unsure of the appropriate specification required by your workplace.

Class 1 refers to footwear made from leather & other materials, excluding all polymeric and all rubber footwear
Class 2 Refers to all polymetric footwear including all rubber footwear.

S3, S5, S7 Specify metallic midsole tessted at 1100N.
S3L, S5L, S7L specifiy non-metal midsole tested at 1100N with a 4.5mm nail.
S3S, S55, S75 specifiy non-metal midsole tested at 1100N with a 3mm nail.

Please note that the EN20345:2022 specification does not necessarily apply to the footwear represented here, and that there are further specifications attaining to specific safety tests and standards. Always check specification and standards of the footwear before purchase. For more infomation on specifications and standards, get in touch with our team for complete guide.

WELLBEING & COMFORT

When you spend your working day on your feet, discomfort and incorrect footwear can cause serious long-term issues. That's why our footwear is designed to support your feet where they need it most, and we have a wide variety of styles to fit every kind of foot. Make sure your footbed is providing the correct arch support, and that your footwear is the correct size for your feet.

FOOTWEAR CARE

Keeping your safety footwear in a good condition helps keep them comfortable and extend their useful life. Always make sure to keep the upper and sole clear of extensive mud or residue, using a brush and warm water to clean. Never dry out footwear using heat (such as placing them near a radiator) always allow them to dry naturally. Use a leather nourishment or dubbin wax to keep leather materials from drying out.

More info on this style at:

WWW.ROCKFALL.COM/PRODUCTS/TITANIUM

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Issued to:

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DE55 4LS
UK

Notified Body: 2777

SATRA customer number: P1769

EU Type-Examination Certificate

Certificate number: 2777/16292-02/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation. It has been issued Under Module B of Regulation 2016/425 on personal protective equipment. This product group has been shown to satisfy the applicable essential health and safety requirements as a Category II product.

Product reference:	**Description:**
Rock Fall RF4500 Titanium Waterproof Safety Boot (1) Rock Fall RF70 Texas Waterproof Rigger Safety Boot (2)	Height of upper: High ankle boot (1)/ Ankle boot (2) Upper: Full Grain Leather Tongue: PU (1) Collar: PU (1) Lining: Synthetic Mesh Fastening: 7 eyelets (1) / Slip on (2) Toecap: PEP-Composite Perforation resistance insert: PEP-Composite Construction: Cemented Sole: Rubber Sole Pattern: 2147#RB Available colour: Black (1) / Brown (2) Size Range: UK 3 - 14

Classification:

EN ISO 20345:2022 S7S HI CI HRO FO SC SR

Standards/Technical specifications applied:
EN ISO 20345:2022

Technical reports/Approval documents:
Intertek: GZHT90434808, GZHT90524114, GZHT90567198, GZHT90573543, GZHT90576773, GZHT90577845, GZHT90577875, GZHT90582935, GZHT90593754, GZHT90607597, GZHT90615699, GZHT90619917, GZHT90624044, GZHT90631007, GZHT90639535, GZHT90670616, GZHT90671862, GZHT90676988, GZHT90680581, GZHT90712745, GZHT90876015, GZHT91148023, GZHT91148018
CTC: D221022386_1, D221022388_1, D221022388_2
LCTECH: LCZC16110542-E
SATRA: CHT0336968/2235/A

Signed on behalf of SATRA: Geoff Graham

Date first issued: 11/04/2021
Date of issue: 29/08/2023
Expiry date: 29/08/2028

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EU DECLARATION OF CONFORMITY

The manufacturer or his nominated representative established in the community;

ROCK FALL UK LTD, WIMSEY WAY, ALFRETON, DERBYSHIRE, DE55 4LS, UNITED KINGDOM

Declares that the PPE described hereafter;

ROCK FALL RF4500 Titanium
Is in conformity with the provisions of PPE Regulation EU 2016/425 for **Category II** and, where such is the case, with the national standard transposing the union harmonised standard no. **EN ISO 20345:2022**

This declaration of conformity is issued under the sole responsibility of the manufacturer;

ROCK FALL UK LTD, WIMSEY WAY, ALFRETON, DERBYSHIRE, DE55 4LS, UNITED KINGDOM

Is identical to the PPE submitted to: **SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, D15YN2P. Republic of Ireland. Notified Body 2777** who performed the Eu type examination (Module B) and issued the EU type -examination certificate: **2777/16292-02/E00-00**

The PPE is subject to the procedure set out in **Module C** of the PPE Regulation EU 2016/425 under the supervision of the notified body:

SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, D15YN2P. Republic of Ireland. Notified Body 2777

Signature: Position: Director Date: 29/08/2023

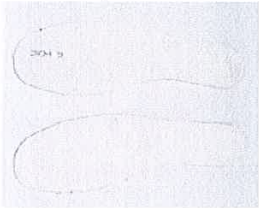
Certificate of Conformance (COC)

Certificate No. 2504054

Issued by CTC Dongguan Co., Ltd., to the following model of PPE footwear:

Company name: ROCK FALL UK LTD

Product Description: OUTSOLE: 2147#, TOECAP: PEP-COMPOSITE, MIDSOLE: PEP-COMPOSITE
Style name: RF4500
Gender: Unisex (Tested size US9)

Picture of footwear & outsole	Picture of non-metal puncture resistance insert
	

This product meets the performance requirements of ASTM Specification F2413-24 as tested in accordance with ASTM Test Methods F2412-24 for the following safety hazards:

Safety hazards	CTC testing report No.	Issued date of report
5.2 Impact Resistant (I)	D250306968_1	27 March, 2025
5.3 Compression Resistant (C)	D250306968_1	27 March, 2025
5.8 Puncture Resistant (PR) 5.8.7 Determination of puncture force 5.8.8 Determination of the flex resistance of puncture-resistant insert	D241236354_1	30 December, 2024

Note :
1. This declaration applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report(s) referenced above.
2. This certificate is valid only for the applicant's selected test items and must not be used without the attached test report(s).

Issue date of certificate:
April 02, 2025

Issued in Dongguan by:
Kevin LEE
PPE Manager of CTC Greater China

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