



Fire fighting boots

For firefighters and rescue operations

Certified according to
EN 15090:2012 F2A HI3 CI AN SRC
Maximum protection. Minimum weight.

 **rosenbauer**

Premium quality.
Optimized fit.







The new boots were worn and tested intensively by fire departments and rescue teams.

■ And which boots are right for me?



TWISTER



TWISTER-cross



TWISTER with chainsaw protection

	TWISTER	TWISTER-cross	TWISTER with chainsaw protection
Fire fighting inside fire attack	■	■	■
Fire fighting outdoor operations	■	■	■
Technical aid	■	■	■
Forest fires	■	■	■
Forestry applications (chainsaw)			■
Rescue applications		■	

The new boot collection.

The right boot for every operation.

The next step. Pushing forward with vision.

The new line sees the Rosenbauer boots reach a totally new level of quality. Innovative technology meets modern design. Maximum protection in action, perfect wearing comfort and low weight always take top priority.

From inside fire attack, through forest fires, to rescue operations.

Different operation types pose a variety of requirements for operational units. And for your footwear. The ability to offer right boot for any requirement, and offering the wearer the best possible protection and support, these are the demands that Rosenbauer makes on its new boot line.

Practical deployment first. Then to the customer.

The new boot line was developed in cooperation with fire departments, rescue services, footwear engineers, and designers. The new boots were worn and tested intensively for several months during operations by fire departments and rescue teams in various countries.

Valuable lessons learned from practical deployment are incorporated unchanged into product development and the new boot line, thus helping to adapt the boot perfectly to the wearer's requirements.



TWISTER for firefighters



TWISTER-cross in rescue operations



TORNADO



TORNADO with chainsaw protection



AUSTRIA NEW

■	■	■
■	■	■
■	■	■
■	■	■
	■	

The highest quality standards

Boots by Rosenbauer. What they stand for.

Maximum protection

Offering firefighters the best possible protection during operations. Guided by this principle, Rosenbauer makes the strictest possible demands on personal protection equipment. The boots from the new collection are EN 15090:2012 F2A HI3 CI AN SRC certified and conform with the highest protection class. With additional protection features, such as ankle protection, Rosenbauer boots mean even better support and safety.

Sporting design

Besides wearing comfort and safety, the boot design also plays an important role. The new boot line stands for a particularly dynamic and sporty look. Silver reflective stripes and the red flex zones add colored highlights; Rosenbauer logo elements add brand recognition on top.



Optimized fit

The shape of our feet is as individual as our fingerprints. Rosenbauer has the matching boot for everyone; the models in the new boot line TWISTER, TWISTER-cross and TORNADO allow direct adjustment to suit the individual foot shape. On top of this, there is the 2-width system for wearers with a high instep (width 10 and width 12).

Low weight

Hour-long operations weighed down with heavy equipment, often under the toughest of conditions. This is what daily operations look like for many firefighters. To make the daily grind a little bit easier, Rosenbauer boots mean minimum weight on your legs, thus contributing to the success of a fatigue-free long-term operation.



Highest possible quality in the selection of materials and processing

Only the best materials are used for Rosenbauer boots: hydrophobic leather ensures water-tightness, the lining laminate with foam interior is particularly resilient to wear and the leather upper is protected by special rubber cap in the toe area. The manufacturing process is subject to the highest quality standards.

Certified according to EN 15090:2012 F2A HI3 CI AN SRA

- **EN 15090:2012:** Currently effective version of the European standard for fire fighting safety boots
- **F2A:** All fire fighting and rescue operations where protection against penetration and toe protection are required, no protection against chemical hazards
- **HI3:** Maximum heat insulation
- **CI:** Maximum cold insulation
- **AN:** Ankle protection
- **SRC:** Non-slip class C



Steel safety cap

- 1 Reflex Elements**
- 2 Flex Zones**
- 3 Ankle Protection**
- 4 Sole construction**

1 Reflex Elements

The 3M reflective elements are a carefully considered detail. They are positioned on the boot to keep them visible in combination with protective trousers. The premium 3M materials are characterized by their durability and maximum reflectiveness.

2 Flex Zones

Special flex zones increase the wearing comfort when crawling, kneeling and driving. The flex zones are backed with a particularly soft foam and located above the heel and in the joint. Some models have additional flex zones in the shin and calf areas.

3 Ankle Protection

The boots in the new line are equipped with EN 20345 tested ankle protection as a factory standard. The ankle area of the boot is additionally reinforced on the interior and exterior to this end. This means maximum protection against impact and knocks.



4 The sole construction. A well-thought out concept.

The many different layers fulfill a variety of functions:

- Joint supporting heel insert: for safe support
- Insert sole: replaceable, anatomically shaped, washable
- Insole: made of Texon leather, anti-bacterial and moisture regulating
- Sealing insole: for sealing the Sympatex® membrane
- Steel insert sole: 100 % penetration-proof, protects against injuries caused by thin nails and hard, pointed objects
- Nitrile air-cushion sole: heat and cold insulation, anti-slip and wear-proof, oil- and gas-proof
- Antistatic metal strap, electrically conductive

Equipped with high-tech features

The new boot line can do more.

Sympatex® membrane

The Sympatex® membrane offers breathability and watertightness at the same time. The hydrophilic components of the Sympatex® membrane absorb moisture from the body and allow it to escape to the outside through evaporation. At the same time, the membrane prevents water entering. The high-performance Sympatex® membrane is clearly more flexible and elastic than legacy membranes; it thus remains functional despite extreme load (bending movement, etc.).

The benefits are quite clear:

- Optimum breathability
- Watertight to a great extent
- Protection against viruses, bacteria and body fluids
- Resilient against various chemicals
- Dynamic climate control (the more the body sweats, the more moisture is transported to the outside)



**Water-tight, breathable.
Thanks to the Sympatex®
membrane.**



Sympatex® is a registered trademark of Sympatex Technologies GmbH.

■ It really is that easy!



The components of the BOA® lacing system

▪ BOA® coiler

The handwheel, known as the coiler, is the key element in the lacing system. It is made of a highly heat-resistant and robust plastic and used to wind up the coated stainless steel cord. The coiler can be easily opened or closed by pulling or pushing.

▪ Coated stainless steel cord

A coated, break-proof, stainless steel cord is hidden behind the black plastic. This robust cord ensures uniform lacing of the boot. The coating gives the cord optimum protection. Boots with the BOA lacing system are extremely easy to clean as dirt finds it very hard to stick to them.

▪ Rosenbauer BOA® Shield

The Rosenbauer BOA® Shield gives the coiler perfect protection against inadvertent opening (e.g., when climbing ladders). (Not needed for the TWISTER-cross.)

▪ Guide rails

The guide rails are also made of highly heat-resistant and robust plastic.

BOA® is a registered trade mark of BOA® Technology Inc.

The BOA® lacing system

Because every second counts in an operation.

Can be put on and taken off in a flash.

As soon as the siren goes off, fire fighters need to reach the scene of the emergency as quickly as possible. Putting on and taking off your personal protection equipment can cost valuable time. And this is precisely where the TWISTER and TWISTER-cross fire fighting boots come into their own with the innovative BOA® lacing system.

Perfect fit.

A break-proof steel cord and a push-and-turn button let you put the boots on and take them off in a flash, and they ensure a perfect fit in just seconds. The lacing system is easy to use and extremely robust.



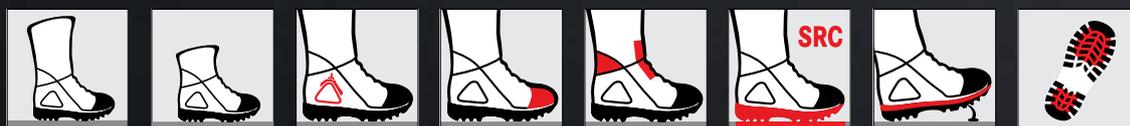
Easily readjustable at any time

The boot can be easily adapted at any time while wearing to match the shape of the foot. A quick twist of the coiler is all it takes.

*Coated, stainless steel,
break-proof cord*

Features Overview

- **Boot Height D**
Boot height shape D (280 mm size 43)
- **Boot Height C**
Boot height shape C (190 mm size 43)
- **Ankle Protection**
Ankle protection on the inside and outside of the foot
- **Toe Protection**
Impact-resistant steel cap
- **Flex Zone**
Flex zone made of soft, grained leather, backed with foam
- **Anti-Slip**
Anti-slip sole on wet ground, snow and ice
- **Anti-Penetration**
Penetration-proof sole composition
- **Anti-Shock**
Damping in the inlay sole
- **Sympatex® Membrane**
Makes the boot almost completely waterproof, windproof, breathable
- **Reflex Elements**
3M reflective elements for maximum visibility
- **Width²**
2-width system for an optimized fit
- **BOA® System**
BOA® lacing system with coated stainless steel cord and handwheel
- **Zip System**
2-zone lacing system with fast-action zip



Boot Height D
Boot Height C
Ankle Protection
Toe Protection
Flex Zone
Anti-Slip
Anti-Penetration
Anti-Shock

	Boot Height D	Boot Height C	Ankle Protection	Toe Protection	Flex Zone	Anti-Slip	Anti-Penetration	Anti-Shock
TWISTER	■		■	■	■	■	■	■
TWISTER-cross		■	■	■	■	■	■	■
TORNADO	■			■	■	■	■	■
AUSTRIA NEW	■		■	■	■	■	■	■

■ Factory standards □ Optional

- **Pull-On System**
Slip-in boot with pull-on tabs and instep adaptation
- **Name Tag**
Name tag for individual labeling
- **Chainsaw Protection**
- **F2A Standard**
For all fire fighting and rescue operations, antistatic



Sympatex®
membrane



Reflex
Elements



Width²



BOA®
System



Zip
System



Pull-On
System



Name
Tag



Chainsaw
Protection



F2A
Standard

■	■	■	■			■	□	■
□	■	■	■			■		■
■	■	■		■		■	□	■
□	■	■			■	■		■

TWISTER

Tried and trusted thousands of times. Now NEW.

The TWISTER success story enters the next round. As a fire fighter's boot, it has proved its value thousands of times. With its new features, the new TWISTER is now even better suited to the fire fighter's tough daily grind. The fire fighting boot is classified according to EN 15090:2012 F2A HI3 CI AN SRC.

TWISTER – in a class of its own

Thanks to the BOA® lacing system, you can put on the TWISTER in next to no time, and take it off just as quickly. On top of this, the lacing system can be adjusted at any time to support uniform lacing of the boot.

Comfortable lining and the 4 flex zones ensure optimum wearing comfort – also when crawling, kneeling and driving. At just 2.7 kg (per pair, size 42), the TWISTER is also an absolute lightweight.

Materials such as the Sympatex® membrane and the hydrophobic, waterproof leather make the TWISTER essentially waterproof. The multilayer sole construction, interstratified with air cushions, provides excellent resistance against heat and cold. Ankle protection, steel inserts and steel caps protect your feet against injuries. Reflecting elements in the visible area also ensure maximum safety in combination with protective trousers.

TWISTER with chainsaw protection*

- With additional layers of Kevlar between the leather upper and the Sympatex® membrane
- Complies with EN 381 Part 3 Protective clothing for users of hand held chainsaws class 2

**Predecessor model*



Technical specifications

	TWISTER	TWISTER with chainsaw protection
Weight	Approx. 2.7 kg (per pair, size 42)	Approx. 2.8 kg (per pair, size 42)
Width	10 and 12	10 and 12
Boot height	Approx. 280 mm (without sole, size 42)	Approx. 280 mm (without sole, size 42)
Available sizes	EU 36 to 50 / UK 3.5 to 14*	EU 36 to 50 / UK 3.5 to 14*

*Sizes EU 36 and 50 / UK 3.5 and 14 are non-standard sizes. Price and lead time on request.



■ Features



Boot Height D



Ankle Protection



Toe Protection



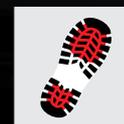
Flex Zone



Anti-Slip



Anti-Penetration



Anti-Shock



Sympatex® membrane



Reflex Elements



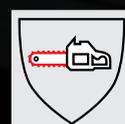
Width²



BOA® System



Name Tag



Chainsaw Protection



F2A Standard



■ Features



Boot Height C



Ankle Protection



Toe Protection



Flex Zone



Anti-Slip



Anti-Penetration



Anti-Shock



Sympatex® membrane



Reflex Elements



Width²



BOA® System



Name Tag



F2A Standard

TWISTER-cross

The boot for all operations. For firefighters and rescue.

The new TWISTER-cross is a short boot with amazing properties. Specially designed for fire department and rescue needs, it is the only boot with this shaft height to be Class C certified for all fire fighting and rescue operations in line with EN 15090:2012 F2A HI3 CI AN SRC. The boot also fulfills the requirements of EN 20345 for rescue operations.

Finally one that fits.

Different boots for fire department and rescue service use are a thing of the past. With the TWISTER-cross, fire fighters and rescue staff now have the right boot for both kinds of operation. Optimum protection and an incomparable wearing experience in all operation situations included.

Unique. Revolutionary. First-class.

The TWISTER-cross is the only short boot on the market to feature the innovative BOA® lacing system. Pulling on or off in just seconds, and uniform lacing, are thus a matter of course. Ankle protection, steel inserts and steel caps protect your feet against injuries. Reflecting elements in the visible area also ensure maximum safety in combination with protective trousers.

Maximum wearing comfort is ensured by the comfort padding and two flex zones made of soft, grained leather. The Sympatex® membrane and the hydrophobic, waterproof leather make the TWISTER-cross essentially waterproof. The multilayer sole construction, interstratified with air cushions, provides excellent resistance against heat and cold. And the really low weight of just 2.2 kg (per pair, size 42) is amazing.

Although only approx. 190 mm tall, this boot meets the requirements for the highest protection class in fire department operations.



Technical specifications

Weight	Approx. 2.2 kg (per pair, size 42)
Width	10 and 12
Boot height	Approx. 190 mm (without sole, size 42)
Available sizes	EU 36 to 50 / UK 3.5 to 14*

*Sizes EU 36 and 50 / UK 3.5 and 14 are non-standard sizes. Price and lead time on request.

TORNADO

Optimized fit and rapid operational readiness.

The TORNADO combines the assured grip of a laced boot with the fast action of a slip-in boot. This is achieved by one-off lacing to your personal fit with lace stoppers that permanently keep the defined distribution of lace tension force. Fast pull-on is ensured by an additional zipper.

Quality benefits that impress ...

- Internal Sympatex® breathable membrane with lining laminate for water-tightness and a breathable interior atmosphere
- Premium quality, hydrophobic waterproof leather and soft leather inlays on the upper shaft end
- Lined shaft, shaft edge and tongue
- Nail-penetration safe nitrile air-cushion sole, rubber scuff cap
- Replaceable, moisture-regulating and washable sole insert
- Easy-action, long-life lacing/zippering system
- Optimum support thanks to perfectly fitting lacing with NOMEX® laces
- Tongue fixation with Velcro and pull tab
- Seams worked with heat-resistant thread
- Silver reflecting 3M materials for your safety
- Certified to EN15090:2012 F2A HI3 CI SRC

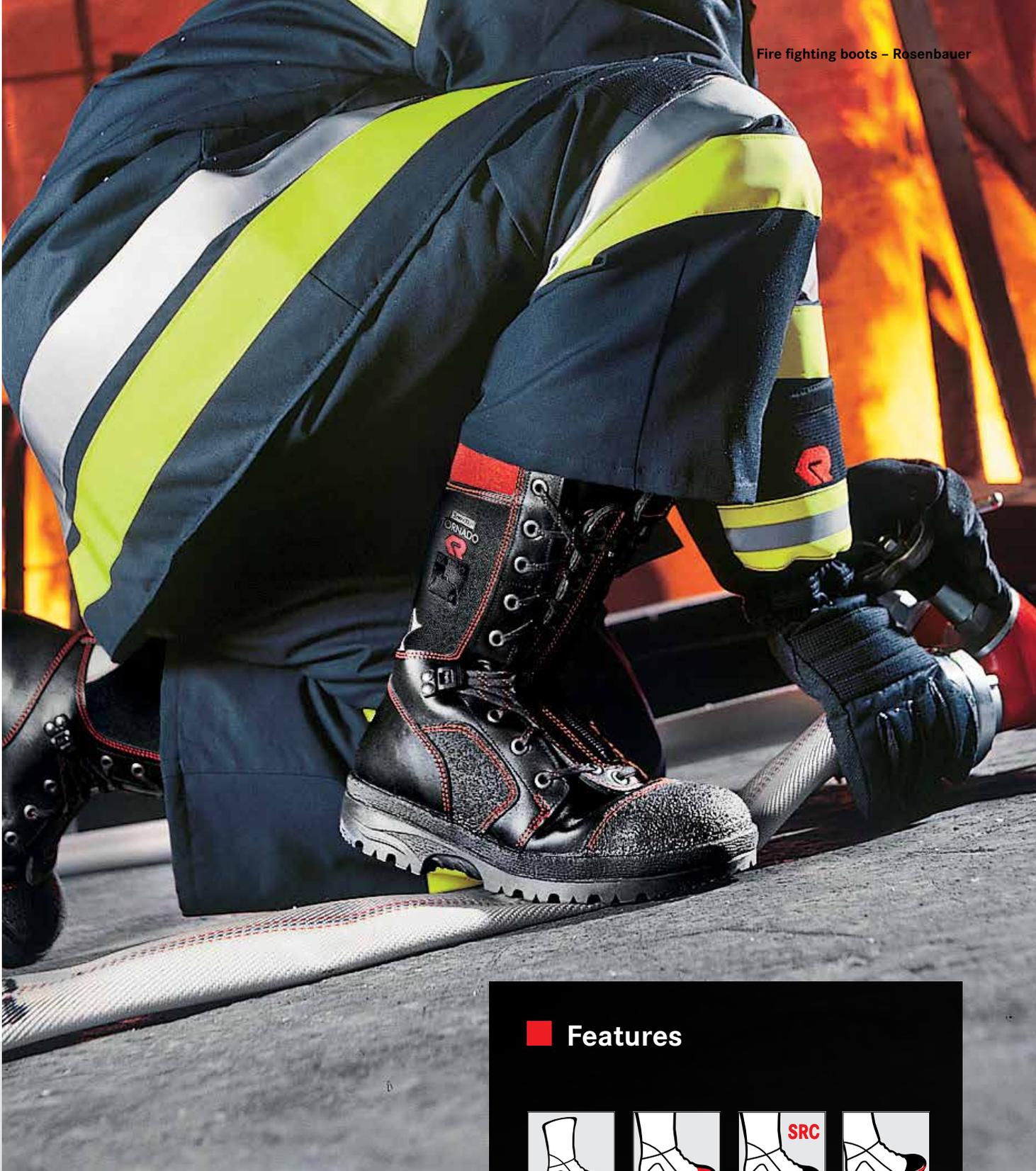
The classic laced boot. Also available with chainsaw protection.



Technical specifications

	TORNADO	TORNADO with chainsaw protection
Weight	Approx. 2.8 kg (per pair, size 42)	Approx. 3.1 kg (per pair, size 42)
Width	10 and 12	12
Boot height	Approx. 280 mm (without sole, size 42)	Approx. 280 mm (without sole, size 42)
Available sizes	EU 36 to 50 / UK 3.5 to 14*	EU 36 to 50 / UK 3.5 to 14*

*Sizes EU 36 and 50 / UK 3.5 and 14 are non-standard sizes. Price and lead time on request.



Features



Boot Height D



Toe Protection



Anti-Slip



Anti-Penetration



Anti-Shock



Sympatex® membrane



Reflex Elements



Width²



Zip system



Name Tag



Chainsaw Protection



F2A Standard

TORNADO with chainsaw protection

- With additional layers of Kevlar between the leather upper and the Sympatex® membrane
- Complies with EN 381 Part 3 Protective clothing for users of hand held chainsaws class 1



Quick to pull on, the new AUSTRIA slip-in boot with two pull-on tabs.

Features



Boot Height D



Ankle Protection



Toe Protection



Flex Zone



Anti-Slip



Anti-Penetration



Anti-Shock



Sympatex® membrane



Reflex Elements



Width²



Pull-On System



Name Tag



F2A Standard

AUSTRIA NEW

Fantastic grip in the new slip-in boot.

The slip-in protective boot AUSTRIA NEW offers perfect grip in any operation thanks to its instep adjustment. A Flexzone in the area of the bend leads to an excellent wearing comfort – even while crawling and driving. The ankle protection provides maximum safety in any operation. Thanks to its very robust pull on loops it can be put on very fast.

Highest protection in every operation

The new slip-in boot comes with a black tanned hydrophobic waterproofed leather. Lined with Sympatex® climate membrane, which makes the boot watertight and breathable. Offers protection against viruses, bacteria, bodily fluids and various chemicals. The padded leg and edge-of-leg zone offers maximum comfort even in hour-long operations. Steel toe cap and steel midsole protect the foot against injuries caused by thin nails and hard, pointed objects.

Proven functional ability

- Certified to EN 15090:2012 F2A HI3 CI AN SRC
- Ankle protection for optimum safety in any operation
- Improved composition
- Flex zone for increased wearing comfort – even while crawling and driving
- Robust pull-on tags for comfortable entry and pullout
- Reflective elements at visible areas
- Low weight



Technical specifications

Weight	Approx. 2.4 kg (per pair, size 42)
Width	10 and 12
Boot height	Approx. 300 mm (without sole, size 42)
Available sizes	EU 36 to 50 / UK 3.5 to 14*

*Sizes EU 36 and 50 / UK 3.5 and 14 are non-standard sizes. Price and lead time on request.

The right care

Keeping boots in service for longer.



Durability and easy care

Practicality does not stop with the operation, but extends into care and cleaning. As early as the material selection, color and shape stage, we pay attention to achieving a durable and care-friendly design. For example, the sole inserts are removable and washable. And we consciously do without coloured seams.



The right care for your boots in 3 steps:

1 Clean

First brush the dirt of the boot using a soft brush and lukewarm water.

2 Care

Then treat the boot with a special care product so that the leather remains soft and not brittle. If you have coloured inserts in the boot, you are best to use a clear cream or gel.

3 Proof

Regular proofing helps the boot to repel water and provides additional protection against dirt.



And the right care products to go with them:

Solitaire triple care- and impregnation spray

Made for all smooth and suede leather, textiles and membranes. Is reliant water-resistant and dirt-repellent. Maintains breathability of membranes and is recommended by Sympatex®.

Care product Nikwax

Care set for leather boots, comprising a cleaning gel, liquid wax and a shoe brush.

Solitaire Brillant care cream

Black care cream, cleans and proofs. Keeps the leather soft and breathable. Especially recommended for boots with an integrated membrane.

Please note!

Creams with a pronounced oil or grease content make the leather soft. But at the same time, they can impact breathability by blocking the pores in the leather. The boots must not be dried in direct sunlight or on a radiator. This could quickly make the leather brittle and impact the boot's service life. Always allow boots to dry slowly.



Fire fighting boots

For fire fighters and rescue operations



Ordering data TWISTER

144950xx*	TWISTER
144951xx*	TWISTER, width 12
14495001	Replacement coiler for TWISTER (all sizes)
14495002	Replacement lace for TWISTER from size 36 to size 40
14495003	Replacement lace for TWISTER from size 41 to size 50
144940	TWISTER with chainsaw protection

Ordering data TWISTER-cross

144960xx*	TWISTER-cross with Sympatex® membrane
144961xx*	TWISTER-cross with Sympatex® membrane, width 12
144962xx*	TWISTER-cross with velour lining
144963xx*	TWISTER-cross with velour lining, width 12
14495001	Replacement coiler for TWISTER-cross (all sizes)
14496001	Replacement lace for TWISTER-cross from size 36 to size 40
14496002	Replacement lace for TWISTER-cross from size 41 to size 50

*Instead of "xx" state the size in the article number, e.g., 14495043 for TWISTER, size 43

Ordering data TORNADO

143900	TORNADO with Sympatex® membrane
143920	TORNADO with Sympatex® membrane, width 12
143790	Replacement zip tongue TORNADO up to size 40
143791	Replacement zip tongue TORNADO size 41 to size 45
1437911	Replacement zip tongue TORNADO from size 46
144250	TORNADO with chainsaw protection
143793	Replacement zip tongue TORNADO with chain-saw protection up to size 40
143794	Replacement zip tongue TORNADO with chain-saw protection from size 41 to size 45
1437941	Replacement zip tongue TORNADO with chainsaw protection from size 46
143792	Replacement bootlaces

Ordering data AUSTRIA NEW

144980xx*	AUSTRIA NEW with Sympatex® membrane
144981xx*	AUSTRIA NEW with Sympatex® membrane, width 12
144982xx*	AUSTRIA NEW with velour lining
144983xx*	AUSTRIA NEW with velour lining, width 12

Spare parts for fire fighting boots

143760	Replacement insole for fire fighting boot size 36 to size 50. Needled non-woven fabric. Excellent perspiration wicking and moisture regulation. Anatomically shaped footbed. Washable at 30°C.
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Care

143939	Care- and impregnation spray
143937	Care product Nikwax
143936	Solitaire Brillant care cream
142983	Boot washing system with odor lock. Weight: approx. 47 kg

Sizes

USA	5	5½	6	6½	7	7½	8	8½
GB	4½	5	5½	6	6½	7	7½	8
EU	38	39	40	41	42			

USA	9	9½	10	10½	11	11½	12	13	14	15
GB	8½	9	9½	10	10½	11	11½	12½	13	14
EU*	43	44	45	46	47	48				

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