



Fire fighting boots

For fire fighting and rescue operations

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

Maximum protection. Minimum weight.

 **rosenbauer**

Premium quality.
Optimized fit.







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

■ And which boots are right for me?



TWISTER



TWISTER-cross



TORNADO

Fire fighting inside fire attack	■	■	■
Fire fighting outdoor operations	■	■	■
Technical aid	■	■	■
Forest fires	■	■	■
Forestry applications (chainsaw)			
Rescue applications		■	

The Rosenbauer boot collection.

The right boot for every operation.

The next step. Pushing forward with vision.

Rosenbauer boots stand for a 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 the right boot for any requirement, and offering the wearer the best possible protection and support, these are the demands that Rosenbauer makes on its boot line.

Practical deployment first. Then to the customer.

The Rosenbauer boot line was developed in cooperation with fire departments, rescue services, footwear engineers, and designers. The 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, thus helping to adapt the boot perfectly to the wearer's requirements.



TORNADO with chainsaw protection

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■



TWISTER for firefighters



TWISTER-cross in rescue operations

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 current 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 Rosenbauer boot line stands for a particularly dynamic and sporty look. Silver reflective stripes and 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 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 SRC

- **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, including antistatic. No protection against chemical hazards.
- **HI3:** Maximum heat insulation
- **CI:** Maximum cold insulation
- **AN:** Ankle protection
- **SRC:** Non-slip class C (highest protection class)



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 made with a particularly soft leather, backed with 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

Rosenbauer boots 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 Rosenbauer 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:

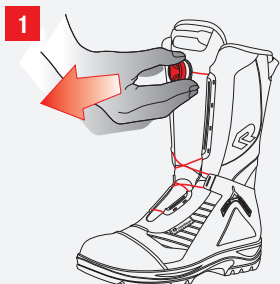
- Optimum breathability
- Watertight to a great extent
- Protection against viruses, bacteria and body fluids
- Resilient against various chemicals
- Dynamic climate control (the more the body sweats, the more moisture is transported to the outside)

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



SympaTex® is a registered trademark of SympaTex Technologies GmbH.

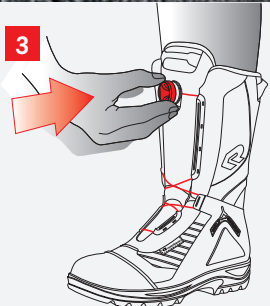
■ It really is that easy!



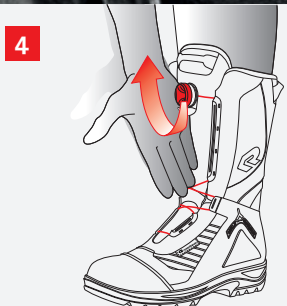
Pull on the Boa® Dial



Pull the leather tongue forward and step into the boot



Push in the Boa® Dial



Turn the Boa® Dial with the edge of your hand until the boot fits perfectly



The components of the Boa® Fit System

▪ Boa® Dial

The handwheel, known as the dial, 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 dial 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® Fit 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 dial 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® Fit 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® Fit 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 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® Fit System**
Boa® Fit System with coated stainless steel cord and handwheel



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	■		■	■	■	■	■	■

■ Factory standards □ Optional

- **Zip System**
2-zone lacing system with fast-action zip
- **Name Tag**
Name tag for individual labeling
- **Chainsaw Protection**
- **F2A Standard**
For all fire fighting and rescue operations, antistatic



SympaTex® membrane



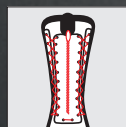
Reflex Elements



Width²



Boa® Fit System



Zip System



Name Tag



Chainsaw Protection



F2A Standard

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

TWISTER

With the innovative Boa® Fit System.

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 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® Fit 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.



Technical specifications

TWISTER

Weight	Approx. 2.7 kg (per pair, size 42)
Width	10 and 12
Boot height	Approx. 280 mm (without sole, size 42)
Available sizes	EU 36 to 52 / UK 3.5 to 16*

*Sizes 36, 50, 51 and 52 / UK 3.5, 14 and 16 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® Fit System



Name Tag



F2A Standard



■ Features



Boot Height C



Ankle Protection



Toe Protection



Flex Zone



Anti-Slip



Anti-Penetration



Anti-Shock



SympaTex® membrane



Reflex Elements



Width²



Boa® Fit System



Name Tag



F2A Standard

TWISTER-cross

The boot for all operations. For firefighters and rescue.

The TWISTER-cross is a short boot with amazing properties. Specially designed for fire department and rescue needs, it is 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 20345:2012 for rescue operations.

Finally one for all operations.

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 short boot features the innovative Boa® Fit 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 52 / UK 3.5 to 16*

*Sizes 36, 50, 51 and 52 / UK 3.5, 14 and 16 are non-standard sizes. Price and lead time on request.

TORNADO

Strong support meets fast pull-on.

It's not for no reason that the TORNADO has made a name for itself among fire fighting boots. The combination of slip-resistant laced boot with fast pull-on, has proven it is an excellent solution.

More protection, more safety

Like all Rosenbauer boots, the TORNADO has been certified according to EN 15090:2012 F2A HI3 CI AN SRC, which means it is suited perfectly to all fire fighting and rescue operations. In addition, it meets the requirements laid down for the highest protection classes regarding heat insulation, cold insulation and grip. Equipped with ankle protection, four flex zones, 3M reflective elements and SympaTex® membranes, the TORNADO covers every aspect of functionality and comfort.

Individualized fit thanks to two-zone lacing

The TORNADO is no ordinary laced boot. With its special two-zone lacing, the boot can be tightened to different levels around its shaft and front. The lace stopper at ankle height ensures that the different levels of tightness are maintained. No other lacing system enables a boot to fit the individual shape of wearers' feet perfectly like this. Once adjusted to a wearer's personal fitting requirements, the lacing will remain the same and therefore make sure the tightness in the two areas does not change either. The fast-pull-on zipper completes the system, as it allows the boot to be put on and taken off quickly and easily.

Increased comfort through individualized fit.



Technical specifications	TORNADO	TORNADO with chainsaw protection
Weight	Approx. 2.8 kg (per pair, size 42)	Approx. 3 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 52 / UK 3.5 to 16*	EU 36 to 52 / UK 3.5 to 16*

*Sizes 36, 50, 51 and 52 / UK 3.5, 14 and 16 are non-standard sizes. Price and lead time on request.



Features



Boot Height D



Ankle Protection



Toe Protection



Anti-Slip



Anti-Penetration



Anti-Shock



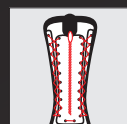
SympaTex® Membrane



Reflex Elements



Width²



Zipp-System



Name Tag



Chainsaw Protection



F2A Standard

TORNADO with chainsaw protection

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

Fire fighting boots

For fire fighting and rescue operations



Ordering data TWISTER

144950xx*	TWISTER with SympaTex® membrane
144951xx*	TWISTER with SympaTex® membrane, 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 52

Ordering data TWISTER-cross

144960xx*	TWISTER-cross with SympaTex® membrane
144961xx*	TWISTER-cross with SympaTex® membrane, 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 52

Ordering data TORNADO

144970	TORNADO with SympaTex® membrane
144971	TORNADO with SympaTex® membrane, width 12
144976xx*	TORNADO with chainsaw protection, with SympaTex® membrane
144977xx*	TORNADO with chainsaw protection, with SympaTex® membrane, width 12
14497001	Replacement zip tongue TORNADO, TORNADO CP size 36 to size 40
14497002	Replacement zip tongue TORNADO, TORNADO CP size 41 to size 45
14497003	Replacement zip tongue TORNADO, TORNADO CP size 46 to size 52
14497004	Replacement bootlaces

*Instead of "xx" state the size in the article number, e.g., 14497643 TORNADO CP, size 43

Spare parts for fire fighting boots

143760	Replacement insole for fire fighting boot size 36 to size 52. Needled non-woven fabric. Excellent perspiration wicking and moisture regulation. Anatomically shaped footbed. Washable at 30°C.
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Care

143939	SOLITAIRE triple care- and impregnation spray
143936	Solitaire Brillant care cream

Equivalent sizes for Rosenbauer fire fighting boots

EU	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
UK	3	4	5	6	6.5	7	8	9	9.5	10.5	11.5	12	13	13.5	14	14.5	15
USA	4	4.5	5.5	6.5	7	7.5	8.5	9.5	10	11	12	12.5	13.5	14	14.5	15	15.5