Motorsport barriers made of high-tensile steel wire

OPTIMIZED SAFETY FOR YOUR RACE CIRCUIT
The safety of spectators and track marshals has the highest priority. Nevertheless, they want to experience the spectacle at close range as much as possible. This means that certain safety precautions are necessary: fences that provide both unobstructed watching and protection from flying debris. We offer mobile and permanent solutions for public or private circuits that are outstanding due to proven safety, extremely functional and offer a clear view of the race track.
**WE CAN PROVIDE YOU WITH THE COMPLETE PACKAGE.**

**Whatever your requirements are – we have the solution.** As a full service provider and single point of contact, we can provide support for any and all stages of your project. The earlier the better: All you have to do is to tell us where and how you’d like us to get involved. One of our services is to provide value engineering to find the best possible solution for your circuit.
OUR SOLUTIONS ARE CUSTOMIZED FOR YOUR RACE TRACK.

The Geobrugg motorsport barriers have been developed in **close collaboration with the FIA Institute** and are the only tested barriers available. **They offer the very highest level of safety.**

The Geobrugg motorsport barriers are globally used at different venues ranging from Formula 1, Formula E, Moto GP and at private facilities as well as proving grounds.

FIA debris fence

Required in all areas where spectators have access or race cars could cross the track to another lane.
OUR PRODUCT RANGE PROVIDES RACE TRACK SOLUTIONS FOR:

- Permanent race circuits
- Temporary race circuits (street race circuits)
- Proving grounds

Geobrugg makes the design and installation process easy by offering site-specific layout drawings, detailed construction manuals, support, consultancy, and even full turnkey solutions including the installation.

Pit wall fence and pit wall gate
Mandatory for all facilities.

Mobile FIA debris fence
Designed for different circuit layouts, shortcuts or city race circuits.

Concrete barrier
Our concrete barriers keep the car on the circuit. Required for mobile FIA debris fence or shortcuts.

Special motorsport solutions
Optimized working conditions for your staff by providing marshal and camera openings.
FIA DEBRIS FENCE – QUALITY YOU CAN RELY ON.

Our debris fence system is FIA-approved for racetracks and the only fencing system worldwide that offers maximum safety and an improved spectator viewing experience.
OPTIMIZED SPECTATOR PROTECTION AT MOTORSPORT RACE TRACKS.

Geobrugg developed the only debris fence which is fully tested in accordance to the FIA Institute test requirements. The test results showed a significantly improved performance compared to conventional systems. The Geobrugg debris fence is available in three different heights: 2.5 m, 3.5 m and 4.5 m.

Our debris fence system provide the following features:

- **High-tensile steel wire net**
  Protection against high energy levels: The high-tensile steel wire, with a tensile strength of 1,770 N/mm², enables maximum load absorption with minimum deformation.

- **System solution**
  Quick and easy installation: The components of the Geobrugg debris fence work together in perfect harmony.

- **According to FIA specifications**
  Tested in the laboratory and in practice: The Geobrugg debris fence is already in use at many racetracks and has been produced and installed according to the FIA specifications. Geobrugg has an excellent working relationship with the FIA and is a member of the Industry Liaison Group.

- **Unobtrusive net structure**
  Ensuring spectators get the best possible view: The high-tensile ROMBO mesh, made from 4 mm wire rope, accommodates an increased rope distance, from 25 cm to 50 cm, to improve racetrack visibility without compromising spectator safety.

Example: Components of the Geobrugg debris fence 350 (height 3.50 m)

For more images and projects, visit: [www.geobrugg.com/projects/racetracks](http://www.geobrugg.com/projects/racetracks)
The mobile FIA debris fence is designed for temporary race tracks or shortcuts. Components that work in harmony with one another ensure quick and seamless installation. Our concrete elements and debris fence panels comply with FIA specifications and are designed for either temporary or permanent track safeguarding.
FOR TEMPORARY AND PERMANENT TRACK SAFEGUARDING.

The Geobrugg mobile FIA debris fence takes spectator safety to a new level. The fast assembled debris fence panels offer a **fully bolted solution for temporary circuits or temporary installations**. In collaboration with our partner NORDBETON we provide components that work in harmony with one another, ensuring **quick and seamless installation**. Our concrete barriers comply with FIA specifications, and they are designed for either temporary or permanent track safeguarding. Integrated sleeves allow a fast and easy debris fence panel installation.

**Our mobile debris fence system provide the following features:**

- **High-tensile steel wire net**
  Protection against high energy levels. The high-tensile steel wire, with a tensile strength of 1,770 N/mm², enables maximum load absorption with minimum deformation.

- **Rapid installation**
  The simple set-up enables the system to be installed extremely quickly.

- **Optimized for debris fence panels**
  Integrated sleeves in the concrete barrier allow an easy and fast installation of the Geobrugg debris fence panel.

- **System solution**
  Quick and easy installation. The components of the Geobrugg debris fence work together in perfect harmony.

- **According to FIA specifications**
  The Geobrugg mobile debris fence is already in use at many racetracks and has been produced and installed according to the FIA specifications. Geobrugg has an excellent working relationship with the FIA and is a member of the Industry Liaison Group.

**Example: Components of the Geobrugg mobile debris fence 350 (height 3.50 m) and NORDBETON concrete barrier**

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The pit wall fence ensures an excellent view on the starting line and home straight. The openings in the pit lane fence can be customized if required. Our pit wall gate is an integral part of a temporary or permanent pit wall. Along with standard gates, we also offer customized solutions for your race tracks.
FLEXIBLE SOLUTIONS FOR PERMANENT AND TEMPORARY PIT WALLS.

Our **pit wall fence is designed to provide the highest flexibility** for your circuit. With its unique panel fixation a high degree of freedom in design is given. The pit wall fence can be removed for award ceremonies, or depending on the fixation the panels can be moved. The **pit wall gate is an integral part** of a temporary or permanent pit wall. Geobrugg, together with our partner NORDBETON, provides tailor-made solutions for your application. Along with standard gates, we also offer customized solutions.

Our pit wall fence and pit wall gate systems provide the following features:

### High-tensile steel wire net
Protection against high energy levels. The high-tensile steel wire, with a tensile strength of 1,770 N/mm², enables maximum load absorption with minimum deformation.

### System solution
Quick and easy installation. The components of the Geobrugg debris fence work together in perfect harmony.

### Flexibility of new constructions
The pit wall gate can be subsequently affixed to almost every wall. In addition, we offer standard solutions for temporary and permanent pit walls.

### Fast and easy installation
The pit wall gate is delivered to the track in preassembled parts. After the elements are fitted and adjusted to the pit wall, the pit wall gate is installed - done!

**Example: Components of the Geobrugg pit wall panel 350 (height 3.50 m)**

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SPECIAL MOTORSPORT SOLUTIONS.

We offer special solutions such as openings for track marshals and photographers. Planned according to the requirements or adjusted to the motorsport barriers in use.
OPENINGS FOR TRACK MARSHALS AND PHOTOGRAPHERS.

Openings for track marshals, camera teams or photographers are just a part of our special solutions. Whatever you have in mind to protect your workers, track operation personnel or other involved people – we support you with individual solutions. We will work with your ideas.

Our debris fence systems provide the following features:

- **High-tensile steel wire net**
  Protection against high energy levels. The high-tensile steel wire, with a tensile strength of 1,770 N/mm², enables maximum load absorption with minimum deformation.

- **System solution**
  Quick and easy installation. The components of the Geobrugg debris fence work together in perfect harmony.

- **Flexibility of new constructions**
  Our in-house design team will make sure that your idea works perfectly in combination with other Geobrugg motorsport barriers.

- **Fast and easy installation**
  The exact position of the camera teams is often determined only a few days before the race or the event. Our simple solutions respond to your individual needs, and camera openings are quickly installed.

**Example: Components of a Geobrugg panel fence 350 with marshal opening**

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System components and properties special solutions
By conducting tests under the supervision of the FIA institute and in close cooperation with industry specialists, Geobrugg was taking the safety along race circuits to a completely new level. You can rely on our fully tested and proven experience in the future – Geobrugg motorsport barriers.
REFERENCES AND PARTNERS:

Race Circuits
Autodromo Hermanos Rodriguez, Mexico
Atlanta Motorsport Park, USA
Red Bull Ring, Austria
Road America, USA
Symmons Plains, Australia
Sydney Motorsport Park, Australia
Yas Marina Circuit, United Arab Emirates

Proving Grounds
Automotive Testing Papenburg, Germany
Boxberg Proving Ground, Germany
Carissma Proving Ground, Germany
Nardo Technical Center, Italy

Organizations
Fédération Internationale de l’Automobile (FIA)
Fédération Française du Sport Automobile
Formula E
Motorsports Tasmania

Interested in what we have to offer? Come and find out more at:
www.geobrugg.com/motorsports

You can find additional projects in our project database:
www.geobrugg.com/projects/racetracks

Our specialist in motorsport applications will be happy to advise you:

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