

**SAFEGUARD BARRIERS**  
For Motorsport Protection



# SAFEGUARD BARRIERS



## Formula

Safeguard Barriers



## Hill Climb

Safeguard Barriers



## Karting

Safeguard Barriers



## Motorsport

Safeguard Barriers



## Motorcycling

Safeguard Barriers



## Car

Safeguard Barriers








# Motorsport Protection

## Supplying products to the motorsport for over 30 years

Since The Awning Company launched in 1985, they have manufactured a range of outdoor products for a variety of motorsport activities – from amateur karting to the highest level of professional motorsport. In 2015, The Awning Company expanded their offering with the addition of the Safeguard Barrier range to their extensive portfolio.

Born from a passion for this industry, the first range of Safeguard Barriers was introduced in 1994 and Safeguard Barriers was the first race safety manufacturer to offer a foam engineered system, that the FIM homologated. The Safeguard range is also recognised by FIA, ACU, MSA and NKA.

## Product Applications

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Product Application Key      = Yes      = Possible      = No





# Race Barriers

Safeguard Barriers have been designed to meet the complexities of track safety from amateur karting to the highest levels of professional motorsport. The range is recognised by the relevant governing bodies which include; FIM, FIA, ACU, MSA and NKA.\*

The patented system with interlocking modules to follow track bends and contours, minimises deflection along the barrier to prevent snagging from narrow angle impacts.

The range of Safeguard Barriers are suitable for temporary and permanent locations and are available in a range of colours.







# Safeguard 1

## FIM Homologation Type A

Design incorporates a combination of heavy duty polyurethane foams in a unique configuration using the principle of a concertina effect. Profiled outer section designed to absorb initial impact inertia. Dissipates the energy and decelerates the rider upon impact in a controlled manner.

- Patented design
- Recommended for use with gravel beds or run off areas to provide maximum cushioning for fallen riders
- Recommended for permanent/semi permanent installations
- Specifically designed and tested to the highest standards for FIM Championship events
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 2.3 m (L) x 1.2 m (W) x 1.02 m (H)  
**Weight** approx. 90kg

**Accreditation** FIM Homologation Type A



# Safeguard RR

## FIM Homologation Type A

Aimed at motorcyclists this barrier has been engineered to control the movement of air by creating air pockets within the foam construction, to provide graduated deceleration and cushioning for the rider.

- Particularly suitable for temporary and street circuits where frequent installation and removal of units is necessary
- Specifically designed and tested to the highest standards for FIM Championship events
- Specifically designed to be lighter in weight than Safeguard 1, for ease of manoeuvring
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 2.3 m (L) x 1.2 m (W) x 1.02 m (H)  
**Weight** approx. 50kg

**Accreditation** FIM Homologation Type A



## Testimonial: British Superbikes Stuart Higgs, Series Director

“Over recent years the British Superbikes Championship promoters have invested in the worlds best racetrack protection devices.

Classified as type A, the gold standard by the FIM, the Safeguard RR barrier has proved highly effective in advancing safety precautions. Its robustness in coping with contact together with its portability make it the obvious choice. “





# Safeguard 2

## FIM Homologation Type B

This design offers a multi layered polyurethane foam construction providing a firm but resilient barrier for high speed fallen rider impacts. Profiled outer section designed to absorb initial impact inertia.

- Patented design
- Ideal for permanent /semi-permanent installation and where limited space is a consideration
- Providing considerable protection through higher density material
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 1.8 m (L) x 0.91 m (W) x 1.02 m (H)  
**Weight** approx. 70kg

**Accreditation** FIM Homologation Type B



# Safeguard 3



## FIM Homologation Type C

This design offers a multi layered polyurethane foam construction providing a firm but resilient barrier for bike and car impacts. Firm outer section designed to absorb initial impact inertia.

- Patented design
- Principal use is for high speed bike racing, but has proven very effective for car impact when fronting tyre walls
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 1.8 m (L) x 0.9 m (W) x 1.02 m (H)  
**Weight** approx. 85 kg

**Accreditation** FIM Homologation Type C  
MSA





## Testimonial: Knockhill Ian Forrest, Circuit Manager

"We have found the introduction of Safeguard Barriers to be one of the most important safety improvements we have made at Knockhill. Not only do they help to protect fallen riders upon impact, which obviously reduces their risk of injury; they also dramatically reduce the damage to race cars.

We have had a Porsche impact Safeguard Barriers at 110 mph with remarkably little damage; in fact it could have raced again that day! We annually increase the amount of Safeguard Barriers as an on going safety policy."



# Safeguard 4

## FIM Homologation Type C

This design offers a multi layered polyurethane foam construction providing a firm but resilient barrier for bike and car impacts. Firm outer section designed to absorb initial impact inertia. A slimline barrier recommended for circuits that have areas of very limited space, particularly in front of tyre walls.

- Patented design
- Principal use is for bike racing, but successfully used as a stand-alone full height product on outdoor karting circuits
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 2.15 m (L) x 0.61 m (W) x 1.02 m (H)  
**Weight** approx. 90kg

**Accreditation** FIM Homologation Type C  
MSA  
NKA



Size  
Weight

1.8 m (L) x 0.9 m (W) x 1.0 m (H)  
approx. 130kg

Accreditation MSA

## Standard

Heavily reinforced multi layered construction incorporating a layer of rubber around its perimeter. Designed to provide a firm resistance to narrow angle impacts but to deform progressively when hit from more severe angles. Ideal first point of impact when run-off space is limited or full tyre wall can not be considered.

- Patented design
- Designed for permanent installation at high risk areas
- Successfully proven in high speed hill climbing events such as Shelsley Walsh, where a combination of high speed single seaters, and a narrow track with minimal run off present extreme safety challenges
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.





# Multi Purpose

Suitable for multi use applications this barrier is heavily reinforced and incorporates a layer of rubber around its perimeter. Designed to provide a firm resistance to narrow angle impacts but to deform progressively when hit from more severe angles. Ideal first point of impact when run-off space is limited or full tyre wall can not be considered.

- Patented design
- Specifically designed to be light weight for ease of manoeuvring
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.

**Size** 1.8 m (L) x 0.9 m (W) x 1.0 m (H)  
**Weight** approx. 80kg

**Accreditation** MSA  
 ACU





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Size	2.3 m (L) x 0.61 m (W) x 0.5 m (H)
Weight	approx. 43 kg
Accreditation	NKA MSA



## Kart 500

This design offers a multi layered polyurethane foam construction providing a firm but resilient barrier for kart racing protection. Modular based system with the same construction and materials as FIM homologated Safeguard 4 barrier but at half the height.

- Patented design
- Particularly recommended for use where high impact absorption is required
- Suitable for indoor and outdoor karting
- Velcro pads to secure corresponding units
- Minimum impact rebound
- Heavy duty, flame retardant PVC coated cover with ventilation holes to allow controlled compression upon impact, generating a cushioning effect
- Covers can be replaced in the event of extreme damage
- Integral, non stretch webbing loops situated under each unit for fastening and mechanical lifting purposes
- Carrying handles located at the side of the barrier for ease of manual positioning.



## Testimonial: NKA

### Keith Barton, Safety Coordinator

“Safeguard Barriers have been in place at Anglia Indoor Kart Racing circuit for over ten years and still offer premium protection for this sport, especially where high impact absorption is required.

Health and safety carries a premium and Safeguard Barriers provide maximum safety for participants and spectators. As the safety coordinator for the National Karting Association I have no hesitation in recommending the use of Safeguard Barriers.”





# Bespoke Protection

Safeguard Barriers offer a bespoke service providing solutions where customised protection is required.

- Suitable for one off events
- Street hazard protection
- Single barrier protection for pit lane entrances, circuit diversions and temporary chicanes.





# The Awning Company

The Awning Company is the UK's leading manufacturer of awnings specialising in outdoor systems for exhibitions, motor sports and special events.

Our heritage, based on 30 years of experience, has forged a reputation for providing high quality products for a whole range of vehicles. From Formula 1 artic trailers to weekend enthusiast's vans, The Awning Company has worked with a variety of influential worldwide brands including Red Bull, Tesco, Mini, Honda, Coca Cola, Kawasaki, Williams and Monster Energy.

All products manufactured by The Awning Company are designed and made in Britain, in our factories in Lancashire so that we have full control over the production process and the quality of our goods.





## SAFEGUARD BARRIERS

The Awning Company UK Ltd,  
Unit 1 Jubilee Works,  
Vale Street, Bolton,  
Lancashire, BL2 6QF,  
England, UK

T: +44 (0) 1204 544900

F: +44 (0) 1204 544901

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E: [safeguard@theawningcompany.co.uk](mailto:safeguard@theawningcompany.co.uk)

W: [www.safeguardbarriers.co.uk](http://www.safeguardbarriers.co.uk)

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