



RHINO GUARD®
KIRKOS
DESIGN-LED PROTECTIVE STREET FURNITURE


Marshall's
Creating Better Spaces



KEEPING PEOPLE SAFE... NOT SCARED

DESIGN INSPIRATION

PROTECTIVE, AESTHETICALLY PLEASING SECURITY

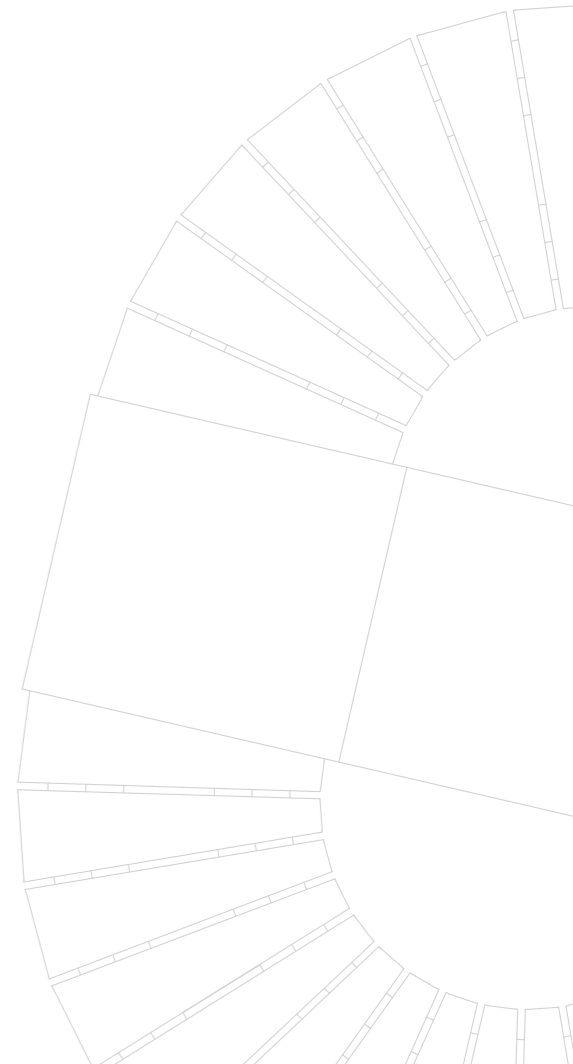
Safe... not scared; that's how people should feel when in any public space.

During recent years, the use of vehicles in terror attacks or accidental collisions has far too often dominated the headlines across the globe, and now more so than ever, it seems that no place is safe from being a target.

RhinoGuard® Kirkos is an innovative street furniture collection that provides a simple yet effective way of enhancing the environment whilst providing the appropriate level of protection required.

Concrete blocks and barricades have previously been common methods of security used to protect areas of high footfall, such as city centres, airports and sports stadia. These approaches of security make spaces feel hostile and heavily defended and as a result makes pedestrians feel anxious which could reduce footfall and inward investment.

When incorporated with RhinoGuard® technology, Kirkos offers a design-led approach to Hostile Vehicle Mitigation (HVM) achieving a balance of protecting the public to ensure people feel safe shopping on the high street or attending a city event without feeling the constant threat of an attack.



DESIGN INSPIRATION

ENHANCE YOUR SPACE



Manufactured in the UK, RhinoGuard® Kirkos is made up of 5 standard solutions which are designed around a bollard centrepiece, overlaid with a ribbon of powder coated mild steel, or with a planter as the central focal point. The seating elements are manufactured with FSC®-certified Iroko timber hardwood.

A choice of protective bollard options are also offered to complement the Kirkos range. These are available with a wide selection of fixing options, foundation types and materials from mild steel, stainless steel, ferrocast® and natural stone. With a choice of security ratings, the complete solution can be tailored around a scheme's individual requirements. The strongest specification has the capability of stopping a 7.5 tonne vehicle travelling at 50mph, all tested in accordance with the relevant PAS 68, IWA 14.1 or PAS 170 standards.

The Kirkos seating and planter elements can cover existing schemes to improve the aesthetics of any given space. Bespoke configurations can be developed to offer multiple design variants allowing for greater flexibility.

Whilst security must always be paramount, areas don't need to be transformed in to steel fortresses and with RhinoGuard® Kirkos, inclusive spaces can be created where people want to relax and spend time.



DESIGN INSPIRATION

FEATURES & BENEFITS

- Innovative, Secured by Design Hostile Vehicle Mitigation street furniture collection
- Coordinated seating and planter options
- Available with various security ratings tested in accordance with IWA 14.1, PAS 68 or PAS 170 standards
- Limitless, bespoke configurations are achievable
- Can cover existing schemes to improve the aesthetics of any given space
- Offered in a range of versatile and vibrant RAL colours
- Manufactured in the UK using durable and sustainable materials
- Ethically sourced and environmentally friendly FSC®-certified timber

MATERIAL OVERVIEW

MATERIAL SELECTION

RhinoGuard® Kirkos is manufactured using powder coated mild steel and FSC®-certified Iroko hardwood which ensures that forestry is practiced in an environmentally responsible and socially beneficial manner.

Offered in a range of vibrant or standard RAL colours, RhinoGuard® Kirkos has been designed to suit a variety of landscaping projects, enhancing the surrounding environment whilst protecting the buildings and people in it.



FSC®-certified Iroko Hardwood

The FSC®-certified Iroko hardwood seating slats are procured from responsibly managed plantations in the west coast of Africa. This doesn't just mean that the timber is sustainable, but also that the plantation workers receive a decent livelihood, and that all of their social and health and safety needs are met.



Durable and resistant to both rot and insect attack, the FSC®-certified Iroko hardwood has a natural yellow-brown colouring and the grain is interlocked with a medium to coarse texture providing a non-slip surface.

Powder Coated Mild Steel

The mild steel material of the loop design feature and planter elements provide a versatile and strong structure. Once galvanised, the material is powder coated to increase its aesthetic qualities. This involves spraying fine particles of coloured polyester powder onto the material. The powder is then heated so that the particles melt and fuse together creating an even coat and providing a durable finish which is resistant to chipping, scratching and other wear.



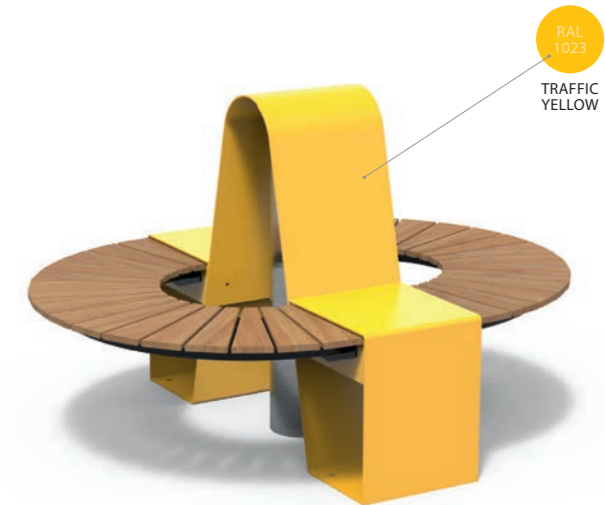
A 10 year warranty is offered on products with a powder coated finish against rust and corrosion. For more information please visit our website.

The RAL powder coat colour options include:



STANDARD CONFIGURATIONS

SINGLE HOOP SEAT



MATERIAL / COLOURS

Standard RAL Powder Coated Colours

- | | | | | | | | | |
|--|---|---|--|---|--|--|---|--|
|  RAL 1023
TRAFFIC YELLOW |  RAL 3002
CARMINE RED |  RAL 3020
TRAFFIC RED |  RAL 5007
BRILLIANT BLUE |  RAL 5010
GENTIAN BLUE |  RAL 5015
SKY BLUE |  RAL 6005
MOSS GREEN |  RAL 6017
MAY GREEN |  RAL 6018
YELLOW GREEN |
|  RAL 7024
GRAPHITE GREY |  RAL 7038
AGATE GREY |  RAL 7045
TELEGRAY |  RAL 9006
WHITE ALUMINIUM |  RAL 9007
GREY ALUMINIUM |  RAL 9005
JET BLACK |  RAL 8014
SEPIA BROWN |  RAL 9010
PURE WHITE | |

Mild Steel

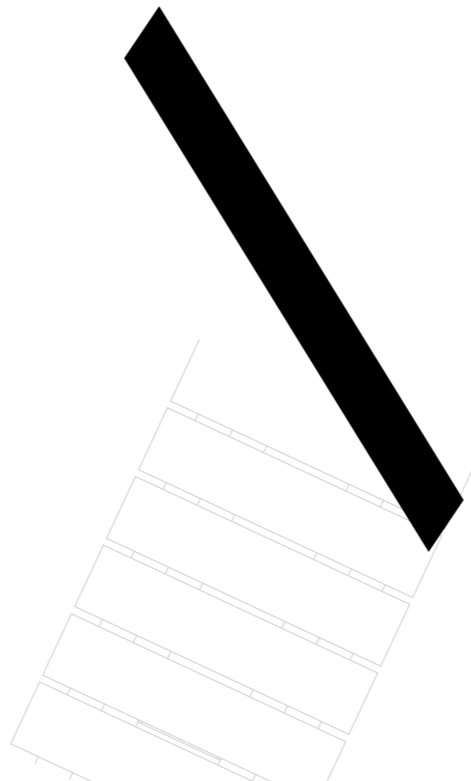


Timber



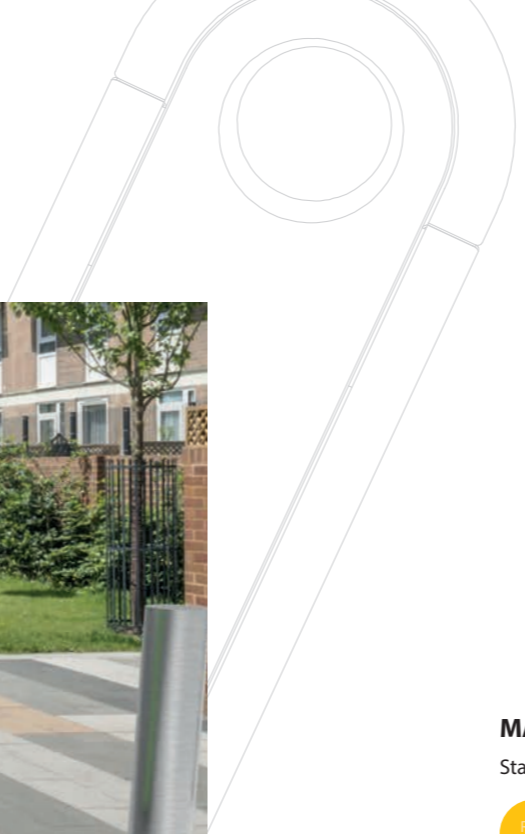
FSC®-CERTIFIED
IROKO
HARDWOOD





STANDARD CONFIGURATIONS

PLANTER



RAL 3002
CARMINE RED

MATERIAL / COLOURS

Standard RAL Powder Coated Colours

 RAL 1023 TRAFFIC YELLOW	 RAL 3002 CARMINE RED	 RAL 3020 TRAFFIC RED	 RAL 5007 BRILLIANT BLUE	 RAL 5010 GENTIAN BLUE	 RAL 5015 SKY BLUE	 RAL 6005 MOSS GREEN	 RAL 6017 MAY GREEN	 RAL 6018 YELLOW GREEN
 RAL 7024 GRAPHITE GREY	 RAL 7038 AGATE GREY	 RAL 7045 TELEGRAY	 RAL 9006 WHITE ALUMINIUM	 RAL 9007 GREY ALUMINIUM	 RAL 9005 JET BLACK	 RAL 8014 SEPIA BROWN	 RAL 9010 PURE WHITE	

Mild Steel



Timber



FSC®-CERTIFIED
IROKO
HARDWOOD



STANDARD CONFIGURATIONS

DOUBLE PLANTER SEAT



MATERIAL / COLOURS

Standard RAL Powder Coated Colours

								
TRAFFIC YELLOW	CARMINE RED	TRAFFIC RED	BRILLIANT BLUE	GENTIAN BLUE	SKY BLUE	MOSS GREEN	MAY GREEN	YELLOW GREEN
								
GRAPHITE GREY	AGATE GREY	TELEGRAY	WHITE ALUMINIUM	GREY ALUMINIUM	JET BLACK	SEPIA BROWN	PURE WHITE	

Mild Steel



Timber



FSC®-CERTIFIED
IROKO
HARDWOOD



STANDARD CONFIGURATIONS

TWIST SEAT



MATERIAL / COLOURS

Standard RAL Powder Coated Colours

TRAFFIC YELLOW	CARMINE RED	TRAFFIC RED	BRILLIANT BLUE	GENTIAN BLUE	SKY BLUE	MOSS GREEN	MAY GREEN	YELLOW GREEN
GRAPHITE GREY	AGATE GREY	TELEGRAY	WHITE ALUMINIUM	GREY ALUMINIUM	JET BLACK	SEPIA BROWN	PURE WHITE	

Mild Steel



Timber



FSC®-CERTIFIED IROKO HARDWOOD



DESIGN INSPIRATION

UNLIMITED COMBINATIONS

Your options don't end with our standard configurations. We also offer a bespoke design service and can tailor modules around your specific requirements.

CUSTOMISE YOUR SPACE
WITH ENDLESS DESIGN POSSIBILITIES



RAL 6017
MAY GREEN



RAL 1023
TRAFFIC YELLOW



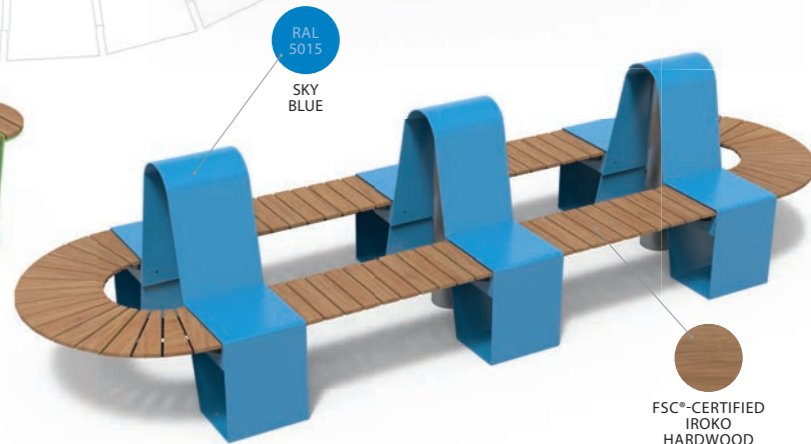
RAL 1023
TRAFFIC YELLOW



RAL 3002
CARMINE RED



RAL 6017
MAY GREEN

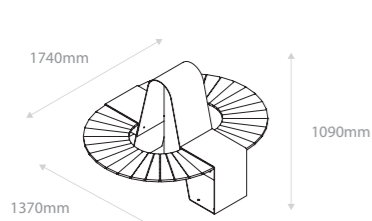


RAL 5015
SKY BLUE

FSC®-CERTIFIED
IROKO
HARDWOOD

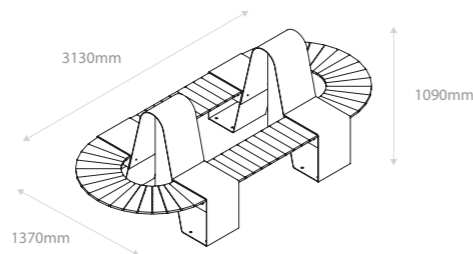
DESIGN SPECIFICATION

STANDARD CONFIGURATIONS



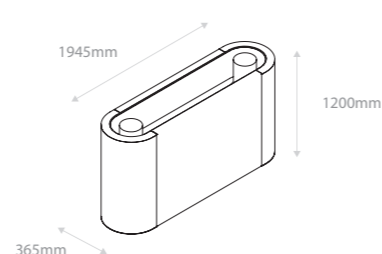
SINGLE HOOP SEAT

Weight	110kg
Dimensions (LxWxH)	1740 x 1370 x 1090mm
Seat height	500mm
Material	Powder coated mild steel & FSC®-certified Iroko timber hardwood
Colours	Standard RAL colours
Fixing method	Surface mounted



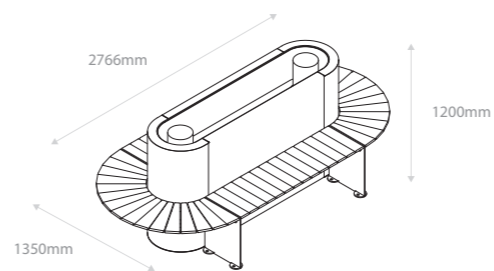
DOUBLE HOOP SEAT

Weight	235kg
Dimensions (LxWxH)	3130 x 1370 x 1090mm
Seat height	500mm
Material	Powder coated mild steel & FSC®-certified Iroko timber hardwood
Colours	Standard RAL colours
Fixing method	Surface mounted



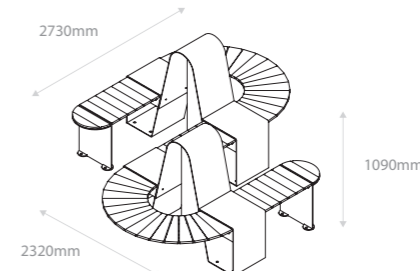
PLANTER

Weight	195kg
Dimensions (LxWxH)	1945 x 365 x 1200mm
Seat height	-
Material	Powder coated mild steel & FSC®-certified Iroko timber hardwood
Colours	Standard RAL colours
Fixing method	Surface mounted



DOUBLE PLANTER SEAT

Weight	310kg
Dimensions (LxWxH)	2766 x 1350 x 1200mm
Seat height	500mm
Material	Powder coated mild steel & FSC®-certified Iroko timber hardwood
Colours	Standard RAL colours
Fixing method	Surface mounted



TWIST SEAT

Weight	240kg
Dimensions (LxWxH)	2730 x 2320 x 1090mm
Seat height	500mm
Material	Powder coated mild steel & FSC®-certified Iroko timber hardwood
Colours	Standard RAL colours
Fixing method	Surface mounted

