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Your total bike parking guide



Introduction to Bike Parking

A guide to planning and designing the optimum use of your available space.

Steadyrack - wall mounted storage rack

When designing parking for bikes the most space efficient option is a vertical wall or a frame mounted system. However, vertical solutions have traditionally been difficult to use.

Conventional wall mounted bike racks typically utilise a hook to hang the bike by the front wheel. The user would then need to lift their bike up vertically and manage it, whilst attempting to align the gaps in the spokes with the hook. Balancing a bike in this manner is difficult, especially with heavier commuter bikes and can lead to damage to adjacent bikes and possibly even injury to the user.

Steadyrack bike racks remove these potential hazards by utilizing a pushing and pulling action, as opposed to lifting vertically. When combined with the patented pivot design, this enables designers to park more bikes in much less space.

Loading bikes onto a Steadyrack is almost effortless. The user simply balances the bike on the back wheel and engages the entry point of the racks with the front wheel, then pushes forward and the bike will roll up and drop snugly into place.

To unload, the user simply pulls the bike backwards and it will drop effortlessly out of the rack and onto the ground. The design utilises the mechanical advantage of the wheel turning to do the work. Individual bikes can be loaded and unloaded, even in very tight spaces, with little or no risk of damage to adjacent bikes and no risk of injury to the users.

We are 100% authentic Australian owned and pride ourselves on our unique and innovative range of patented products, outstanding customer service and contributions to promoting cycling as a viable and acceptable method of transportation.

For more information, go to [steadyrack.com/videos](https://www.steadyrack.com/videos)

At Steadyrack we provide a bike storage and parking solution for almost any situation.



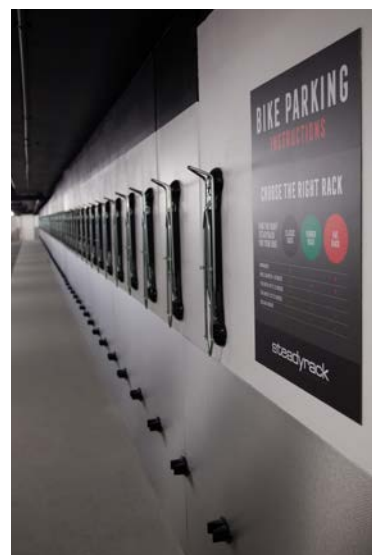
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Features and Advantages

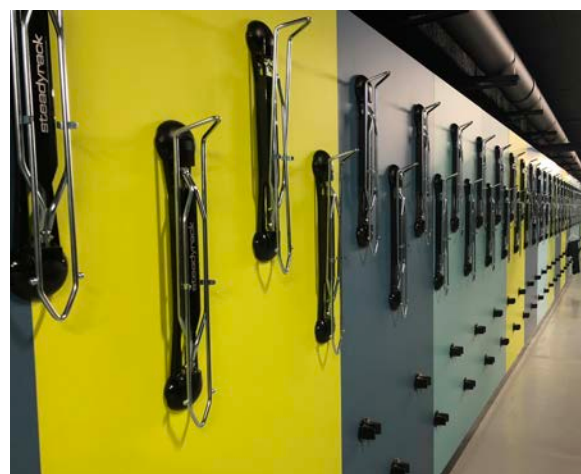
Architects and planners are recognising the benefits and features of Steadyrack.

Architects and designers know that building owners and managers, along with their tenants are seeking solutions that provide space efficient and user-friendly bike parking options. Steadyrack can provide more bike parking per square metre of space than any other system and the bike riding community is happy because it's easy to use and it protects their bikes.

Many global architectural firms now specify Steadyrack for all of their End-of-Trip Facilities due to these unique features. Steadyrack is also suitable whether designing for a new building or retrofitting an existing one.



Here are just a few of the leading global brands and architectural firms that have specified Steadyrack for their projects.



After a survey of the available options we appreciate the unique design features of the Steady Storage Rack for bicycles.

Lou Cotter, The Buchan Group

The result was nothing short of fantastic, we increased our capacity to hold bikes from 20 bikes to over 50 after less than 3 hours of installation.

Anthony Day, Cycling Rep. CBH

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Features and Advantages



NO LIFTING

Our racks are loved by bike riders because there is no lifting required. The Steadyrack works using a pushing and pulling action to load and unload bikes, making it suitable for people of all ages, capabilities and strengths. Suitable for e-bikes, road bikes, e-bike and bikes with or without fenders.



SAVES SPACE

Steadyrack's revolutionary design saves more of your valuable floor space. Steadyrack bike racks can be mounted to virtually any wall and will conveniently swivel up to 160 degrees, from side to side, to lie flat. Steadyracks can be installed as close as 350mm apart and due to the swivel action, can be overlapped. When the rack is empty, the arm simply folds away.



SAFE AND SECURE

Bikes fit snugly into Steadyrack bike racks. There is virtually no risk of bikes falling over or falling out of the Steadyrack, making them safer to use and minimizes the risk of damaging adjacent bikes or causing injury to users. The racks fold closed when not in use and bikes can be securely locked to our racks using conventional chain or D type locks.



BUILT TO LAST

The Steadyrack range is suitable for bikes of all sizes, even those with tyres as wide as 5 inches can be supported safely and securely. Steadyrack bike racks will also support bikes with fenders and mudguards, making it an extremely versatile solution for your bike parking requirements. Made from steel and UV treated plastic, our racks are strong and built to last.



Features

One brand, total solution – There's no need to buy multiple brands.

Stylish contemporary design – The highly engineered Steadyrack ticks the boxes for both form and function.

Lockable – Lock your bikes into a Steadyrack easily using conventional locks readily available in the market.

Safe to use – No juggling the bike in the air, won't easily dislodge, bikes won't swing around like they do on a hook and cause injury or damage to people, cars or adjacent bikes from accidental contact. If someone bumps into the bikes walking past the racks the pivoting arms will move and will absorb the impact. Prevents damage or injury from accidental dislodging or swing around

Protects your bike – The only contact with the rack when its loaded is the front tire, uses the tire like a cushion to support the bike weight. Wont damage wheels or rims or the bike

E-Bike compatible – E-bikes with or without fenders can be rolled into our racks.

Engineered and built to last – Made with high quality steel components and plastics which will last a very long time when properly maintained.

Wide variety of uses and applications – can be installed on any vertical surface anywhere.

Mudguards and fenders compatible – The only rack available you can roll a bike with fenders or mudguards in and out.

Easy to install – Even if you're not super handy, Steadyracks are very easy to install.

Folds away when not in use – To further maximise your bike storage area, the arms fold up on themselves to create an unobtrusive profile.

Hang bikes up to 35kgs – Accommodates most bikes up 35kgs, including E-Bikes.

Future proof your storage/parking – Change your bike, no need to change racks, if they have a front wheel one of our racks will suit.

No Spokes no problem – Fits bikes with disc wheels.

Deep Rims no problem – Compatible with different rim depths and tyre sizes.

Universal fit – Almost any bike can be hung in a Steadyrack

Park cars alongside rack – Load and unload bikes at any angle you can take bikes in and out of racks alongside cars. No need to move cars out or unload other bikes to get your bike out of the racks.

Fat tyres compatible – Roll a bike with up to 5-inch-wide Fat Tyres into a Steadyrack.

Compatible with suspension forks – It's recommended to use a vertical hanging rack for bikes with suspension forks to protect the seals in the forks.

Compatible with hydraulic brakes – OK to hang bikes with hydraulic brakes.

Spacing Guides

Bike parking designers do not know in advance exactly what types of bikes will be utilising the facility. To address this issue, we have created SPACING GUIDES to assist in the design and planning of new bike parking facilities.

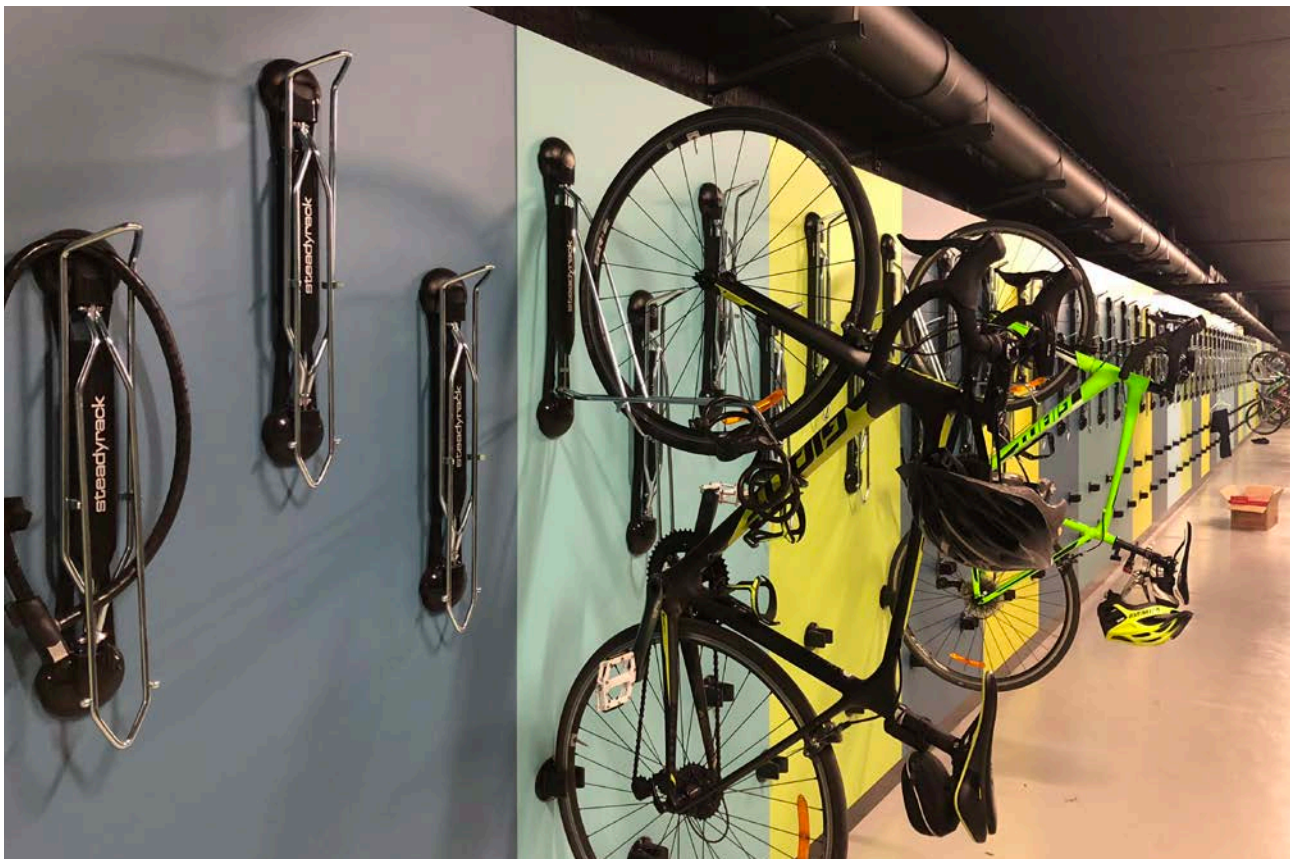
Each of these guides will allow you to cater for almost all bike types and sizes.

Mounting Heights General Information

The overall length of a bike determines the optimum mounting height for our range of bike racks. The perfect mounting height is achieved when the bike is hanging in the rack and the rear wheel is close to the floor but not touching the floor. We have developed these mounting height and spacing guides because in most cases the designers of the installation won't know exactly what bikes are to be parked. These guides will allow almost any bike to be hung in one of our racks.

These are designed to be a “one size fits all” solution, however we do recommend you take the time to check the layout and spacing for your individual project to ensure it will function as required.

All of our guides and installation videos can be found at: steadyrack.com/manuals



Spacing Guides

600mm centres – non-staggered

This spacing is ideal for installations where you want the bikes to all be at the same height and you have plenty of available wall space or you are able to install frame systems or posts to attach the racks to.

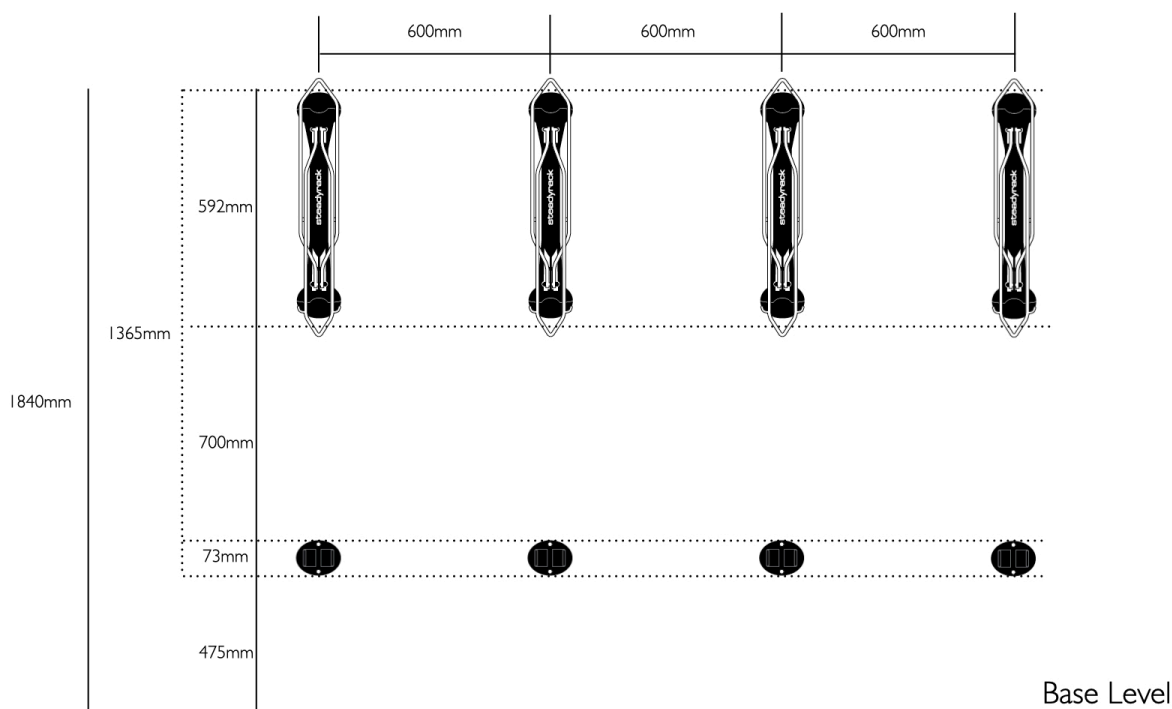
Spacing Distances

We recommend a minimum spacing of 600mm when the racks are all at the same height. This allows for users to easily access their bikes stored amongst others at the same height.

Mounting Height

Bicycles come in a huge variety of different. For example Road Bikes typically come in small, medium and large, with the length of a large road bike being 1.7m. This guide assumes the longest types of bikes will be able to be parked. It's advisable the Steadyracks can accommodate the largest bikes to ensure all facility users can mount their bikes.

However, you can mount the racks lower if you choose to accommodate smaller bikes. The below diagram is a one-size fits all approach and is a guide only. Please check your local regulations for bike parking facilities to ensure you comply. We're happy to work with you to make installation in your space as efficient as possible. To discuss how we can help you with your bike parking plans, contact us at sales@steadyrack.com.



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Spacing Guides

350mm centres – Staggered

This is the most utilised option due to the fact that many more bikes are able to be parked in the same length of wall or framing without sacrificing functionality or ease of use.

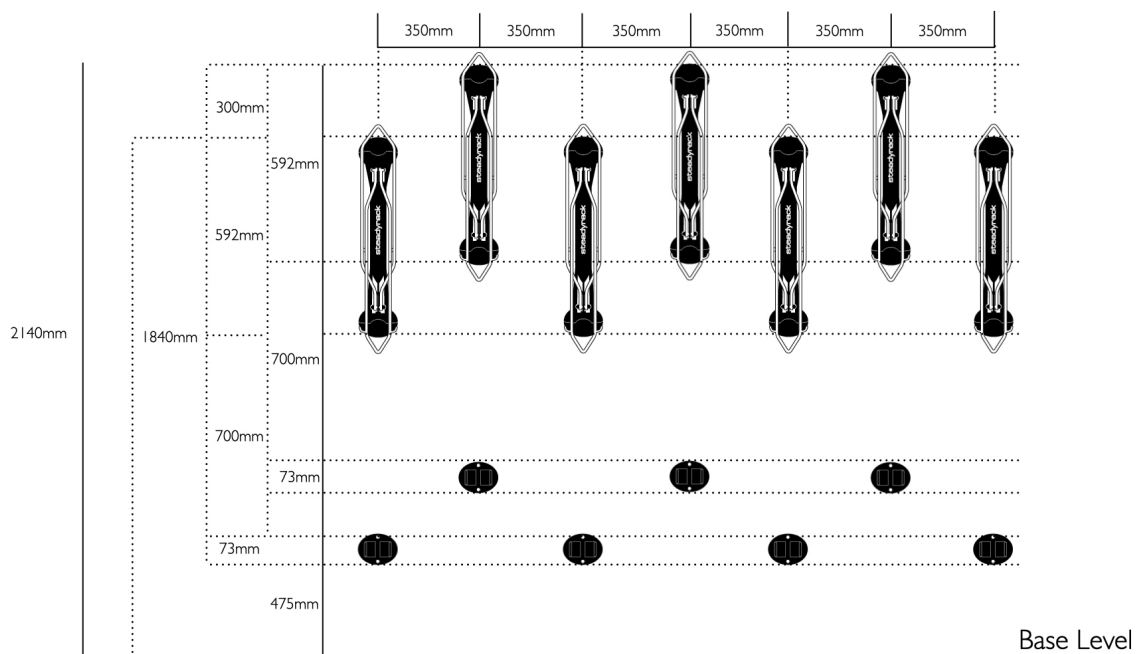
Spacing Distances

At 350mm centres the bikes handle bars will overlap the adjacent bikes but, by utilising the patented pivot design, facility users will be able to pivot bikes either side to create an access space. They can then load or unload their bikes easily and safely without risk of contacting the bikes next to theirs. This pivot function creates sufficient access space for loading and unloading and saves significant wall space to allow many more bikes to be parked in the same length, a feature not possible with conventional static bike racks.

Mounting Height

Bicycles come in a huge variety of different lengths. For example Road Bikes typically come in small, medium and large, with the length of a large road bike being 1.7m. This guide assumes the longest types of bikes will be able to be parked in the lower mounted Steadyrack. It's advisable the lower mounted Steayracks can accommodate the largest bikes to ensure all facility users can mount their bikes. However, you can mount the racks lower if you choose to accommodate smaller bikes.

The below diagram is a one-size fits all approach and is a guide only. Please check your local regulations for bike parking facilities to ensure you comply. We're happy to work with you to make installation in your space as efficient as possible. To discuss how we can help you with your bike parking plans, contact us at sales@steadyrack.com.



Design Advice

We can assist you with design and planning the perfect bike parking system to optimise the available space for your project needs. Our website offers a suite of product information, technical data, specifications, installation guides, set out and spacing guides, along with access to our Revit Files or you can contact us at sales@steadyrack.com

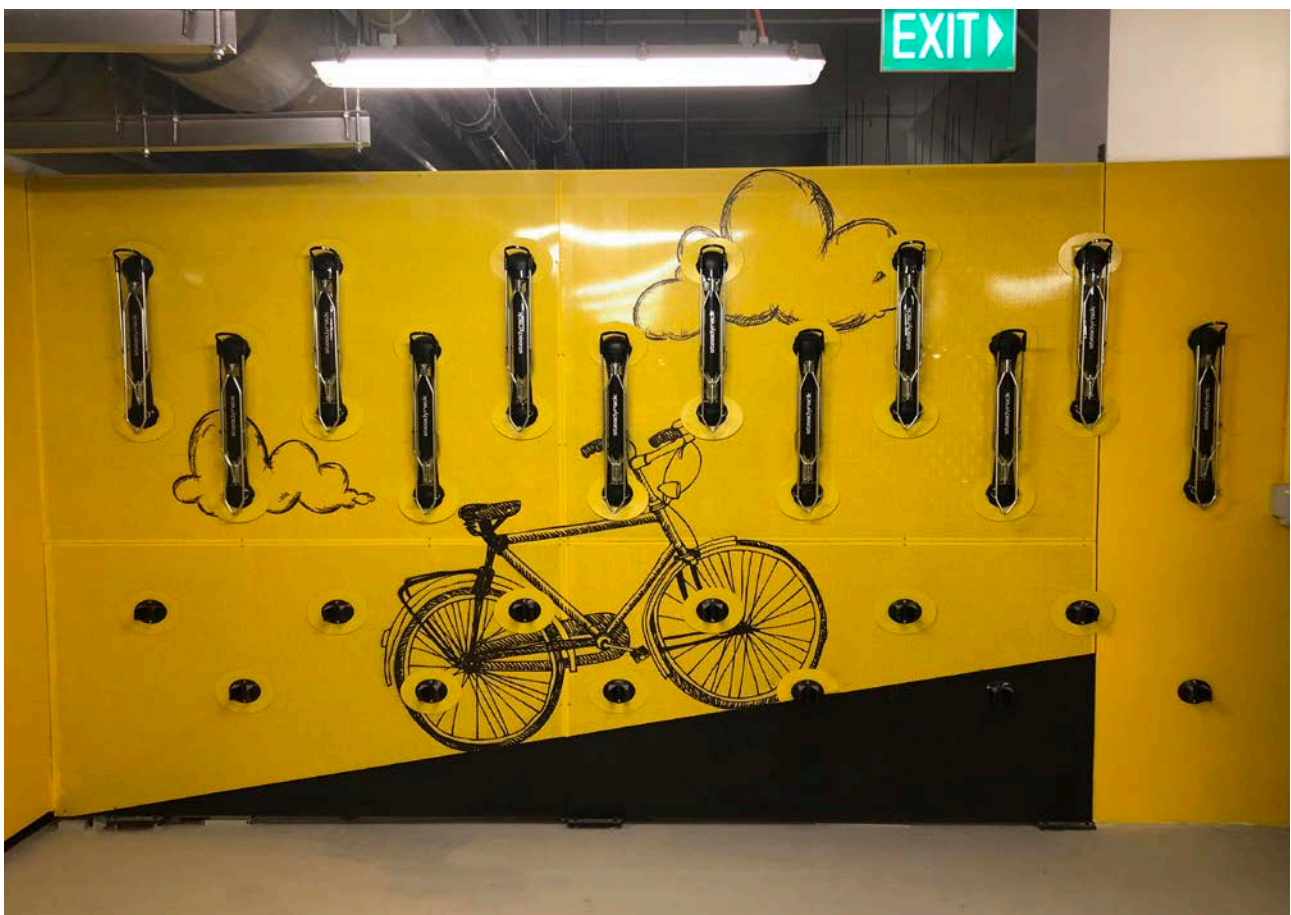
THIS INFORMATION IS PROVIDED AS A GUIDE ONLY, IT IS RECOMMENDED THAT YOU CHECK EACH INDIVIDUAL PROJECT TO ENSURE THE DESIGN AND LAYOUT WILL FUNCTION AS DESIGNED.

Custom Colour Schemes and Logos

You can also order custom colour schemes. Choose different colours for the plastic components to reflect your project's unique and individual style or your corporate colour scheme. You can even incorporate your company brand or logo.

Please contact us for more information at: sales@steadyrack.com

***POA and Minimum Order Quantities apply.**



Care, Maintenance and Warranty

Maintaining Your Steadyrack

To ensure your Steadyrack bike rack operates perfectly we recommend you perform the following basic maintenance and checks:

- **Check and adjust tension on the nuts on Central Pivot Bar**

The nuts that attach the central pivot bar to the top and bottom mounting brackets are pre-tensioned in the factory to a torque setting of 5nm. This is to ensure there is enough resistance when you push your bike into the rack to stop the arms swinging out of the way.

Remove the two clip-in end caps which cover the mounting brackets using a 13mm socket wrench or a suitable spanner. Adjust the nuts connecting the central spine to the top and bottom mounting brackets to the desired tension. Be sure to not overtighten or the rack won't pivot. Replace your end caps and you are good to go.

- **Check the nuts attaching the top and bottom arms to the Central Pivot Bar**

The two arms are connected to the central pivot bar by bolts with dome nuts and black tips either side. These can work loose over time. Check them periodically and tighten.

- **Check your mounting bolts from time to time to make sure they haven't worked loose and tighten if necessary.**

Cleaning

Ensure the rack remains free from dirt and debris and clean by dusting or using a dry cloth from time to time.

Materials

Mild Steel Zinc Coated and UPVC Plastics.

Warranty

Steadyrack warrants that the Steadyrack Bike Rack is free from defects in workmanship and materials for a period of five years from the date of retail purchase. Any claim for breach of this warranty must be made on the following conditions:

- The defects have arisen solely from faulty materials or workmanship;
- The Steadyrack Bike Rack must not have been changed, nor tampered with in any way;
- The defects have not arisen as a result of the Steadyrack Bike Rack being installed outdoors in direct contact to weather conditions like sunlight, snow and rain.
- Failure of the Steadyrack Bike Rack must not be due to misuse, improper installation or other maltreatment, interference or abuse including, but not limited to, use in a manner contrary to our specifications or instructions;
 - The Steadyrack Bike Rack must be returned directly to the supplier;
 - Steadyrack will not be responsible for damage or loss caused during or as a result of shipping; and
 - Subject to the above conditions of warranty, if the Steadyrack Bike Rack fails for any reason within the warranty period and the Steadyrack Bike Rack is returned to us, Steadyrack will at its discretion repair, replace or cause to be repaired or replaced, the Steadyrack free of charge at its expense.
- Steadyrack warranty is voided if racks are used to transport bicycles.

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