

## SafeStow4® - Ladder handling and storage made easy

The SafeStow4 provides you with safe, secure and effortless ladder storage and handling. SafeStow4 is available in several variants, one of which will fit perfectly into your working day.

SafeStow4 totally eliminates the need to climb onto the roof of the vehicle or stretch in order to store and secure ladders. Instead they mount and dismount with minimal effort all from the safety of ground level, thanks to gas ram assisted lifting.



90 mins



### Assembly & fitting time

Pre-assembly available upon request

MAIN BODY		2.2M SAFESTOW (RAS16)	3.1M SafeStow (RAS18)
<b>Dimensions</b>		<b>Measurements</b>	<b>Measurements</b>
- Side length	(L1)	2200mm	3100mm
- Length between cross beams	(L2)	2050mm	2950mm
- Main body width incl. side rails	(W1)	482mm	482mm
- Cross beams width	(W2)	700mm / 1240mm	700mm / 1240mm
- Main body width	(W3)	245mm	245mm
<b>Dimensions carriage</b>			
- Total height carriage	(H1)	350mm	350mm
- Load stops height	(H2)	130mm	130mm
- Width in between load stops	(W4)	min 250mm / max 500mm	min 250mm / max 500mm

## DURABLE MOVING PARTS

The SafeStow4 main carriage is supported by a damper as a safety feature to ensure the system lowers gently under load. In addition to this, SafeStow4 also takes the hard work out of loading the ladders onto the van roof thanks to adjustable gas rams that assist when lifting the system. The positioning of the one gas ram that comes with the shorter RAS16 SafeStow4 and the two gas rams that come with the RAS18 model. This can be adjusted to suit the height of the particular van that the product is being used with and the weight and length of the ladders being loaded. Every SafeStow4 comes with a detailed user manual (UM002) which gives precise instructions on how to optimise these settings for optimum performance and safe usage.



Drop down height scale providing optimum performance of your ladder lift and drop down assistance.

## VARIANTS

We offer five different SafeStow4 options to suit all requirements:



### Single Ladder SafeStow4 (SK21)

Our standard SafeStow4 is designed for handling and transporting of a single ladder. It can be positioned to either the right or left hand side a vehicle's roof. Any SafeStow4 model can easily be upgraded to one of the other variants simply by purchasing the relevant fitting kit: SK22, SK23, SK25.



### Double Ladder SafeStow4 (SK22)

Our double SafeStow4 is designed to accommodate the loading and unloading of two regular ladders. It features the same main rail but longer cross bars to support both ladders. Two sets of beltstow straps and two SafeClamps are included to keep both of the ladders firmly in place during transit.



### Extra-Wide Ladder SafeStow4 (SK23)

We aim to make sure the SafeStow4 accommodates all common ladder types and therefore, we offer a version that is tailored to extra-wide ladders. The SK23 must be positioned centrally on the roof of your van and includes two longer length cross bars to support the ladder.

Please note SafeStow3 shown here.



### Double CAT Ladder SafeStow4 (SK25)

In order to accommodate the wheels of a CAT ladder, we offer a special kit that comes with five spacer blocks to raise one of the two cross bars supplied at the front of the system. The double CAT ladder SafeStow4 comes with longer cross bars which support two ladders, allowing a regular and CAT ladder to be transported at once. Please note that the SK25 does not come with a SafeClamp.

Please note a single CAT ladder SafeStow is shown here.

## WEIGHTS

### 2.2m Length Models

Function	Code	Standard Weight	Option Weight	Total Weight
Single Ladder	RAS16-SK21	40.87kg	10.69kg	51.56kg
Double Ladder	RAS16-SK22	40.87kg	20.79kg	61.66kg
Extra Wide Ladder	RAS16-SK23	40.87kg	12.29kg	53.16kg
Double Cat Ladder	RAS16-SK25	40.87kg	16.06kg	56.93kg

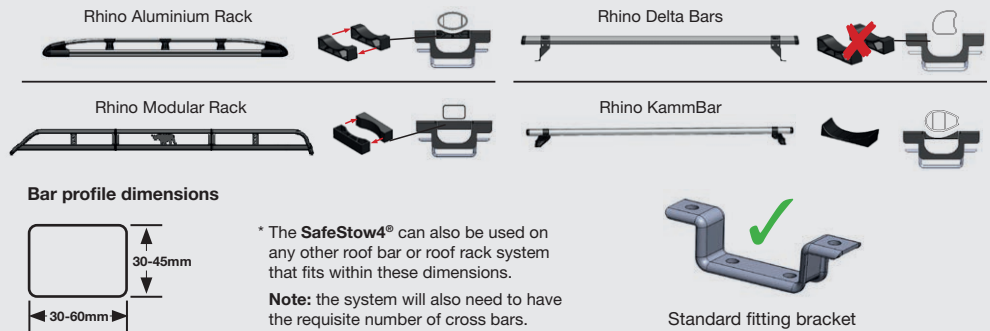
### 3.1m Length Models

Function	Code	Standard Weight	Option Weight	Total Weight
Single Ladder	RAS18-SK21	50.51kg	10.69kg	61.2kg
Double Ladder	RAS18-SK22	50.51kg	20.79kg	71.3kg
Extra Wide Ladder	RAS18-SK23	50.51kg	12.29kg	62.8kg
Double Cat Ladder	RAS18-SK25	50.51kg	16.06kg	66.57kg

## STANDARD FITTING BRACKET

The **SafeStow4®** comes with our standard fitting bracket that is compatible with all Rhino roof bars/ racks and roof storage systems from other manufacturers\*.

Every Rhino **SafeStow4®** is supplied with a set of spacers that are slotted into the bracket in a specific position to suit our Aluminium Rack, Modular Rack, Delta Bar and KammBar® products respectively.



## ADDITIONAL FEATURES



2 belts top and bottom to hold ladder tightly in place and eliminate rattling



2 cross bars with rubber inlay to cushion and protect the ladder, minimising any risk of abrasive damage



Beltstow system to secure strap when not transporting a ladder



Composite ladder support with replaceable rubber anti-rattle inlay



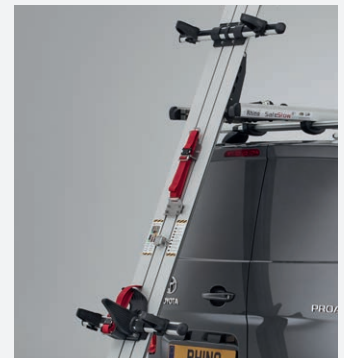
Rubber inserts on the brace bar, reducing rattling noise while in transit  
\*A padlock can be added\*



Front cross rail rubber bumper stops



SafeClamp for additional layer of anti-vibration support



Four load stops as standard, catering for different width ladders, minimising any damage to the ladders while in transit.

## SAFECLAMP®




Every conventional single ladder **SafeStow4** comes with a single **SafeClamp**, while double ladder **SafeStow4** system come with two **SafeClamps**.

**SafeStow4** and **SafeClamp** are the perfect ladder handling combination as together they minimise any rattling or vibration, holding your ladder in place securely to prevent any wear over time.

\*Please note: SafeClamp® is not compatible with our CAT ladder SafeStow4® systems.



MATERIAL	WHERE USED	ADVANTAGES
<b>Aluminium 6053A</b>		
<ul style="list-style-type: none"> <li>- Clear anodised</li> <li>- Architectural alloy</li> <li>- Thickness 3,0mm</li> </ul>	<ul style="list-style-type: none"> <li>- Pole, safestow latch hook</li> <li>- Aluminium bar</li> <li>- Main rail</li> <li>- Side chassis</li> </ul>	<ul style="list-style-type: none"> <li>- Extremely durable, high tensile and yield strength</li> <li>- Excellent weight to strength ratio</li> <li>- Scratch resistant</li> <li>- Great for intricate extrusions with a good surface finish and high corrosion resistance</li> </ul>
<b>Composites</b>		
<ul style="list-style-type: none"> <li>- Polymer composite</li> <li>- Glass reinforced Econyl GF30%</li> </ul>	<ul style="list-style-type: none"> <li>- Clamp cowl infil &amp; spacer</li> <li>- Rear saddle</li> <li>- Slider pad</li> <li>- Main rail and chassis end caps</li> <li>- Latch release hook</li> <li>- Handles</li> <li>- Polymer rollers on ball bearings</li> </ul>	<ul style="list-style-type: none"> <li>- Low weight, high strength ratio</li> <li>- High temperature variance</li> <li>- UV resistant</li> </ul>
<b>Copolymers</b>		
<ul style="list-style-type: none"> <li>- Polypropylene PPCP</li> </ul>	<ul style="list-style-type: none"> <li>- Aluminium bar clamp cowl Infil</li> <li>- Non lockable clamp cowl male and female</li> <li>- Pivot bush</li> </ul>	<ul style="list-style-type: none"> <li>- Excellent impact strength</li> <li>- Robust, sturdy design</li> <li>- UV resistant</li> </ul>
<b>Polyester</b>		
<ul style="list-style-type: none"> <li>- 100% polyester</li> </ul>	<ul style="list-style-type: none"> <li>- Strap assembly 3000kg</li> </ul>	<ul style="list-style-type: none"> <li>- High strength</li> <li>- Wear resistant</li> </ul>
<b>Stainless steel 304</b>		
<ul style="list-style-type: none"> <li>- Polished</li> <li>- 18/8 quality</li> <li>- Thickness 1,5mm</li> </ul>	<ul style="list-style-type: none"> <li>- Hex recess track plate</li> <li>- Clamp bar</li> <li>- Webbing anchor</li> <li>- Anti-bounce bracket</li> <li>- Pivot assy, pressed side plate</li> <li>- Latch locking hasp</li> <li>- Latch trigger</li> </ul>	<ul style="list-style-type: none"> <li>- Durable</li> <li>- Rust free</li> <li>- Luxury finish</li> </ul>
<b>Stainless steel 303</b>		
	<ul style="list-style-type: none"> <li>- Axle, roller wheels</li> <li>- Stub axle pivot assembly</li> <li>- Axle tie shaft pivot assy</li> <li>- Clevis pin, 10mm x 20mm</li> <li>- Latch spindle</li> </ul>	<ul style="list-style-type: none"> <li>- Durable</li> <li>- Rust free</li> <li>- Luxury finish</li> </ul>
<b>Brass</b>		
<ul style="list-style-type: none"> <li>- Brass (CZ121)</li> </ul>	<ul style="list-style-type: none"> <li>- Top hat half bush, pivot assy</li> </ul>	
<b>Powder coated steel</b>		
<ul style="list-style-type: none"> <li>- Mild steel</li> <li>- Powder coated black</li> <li>- Textured</li> </ul>	<ul style="list-style-type: none"> <li>- Universal clamp</li> <li>- Loadstop saddle</li> <li>- Tie rod assy pivot assy</li> </ul>	<ul style="list-style-type: none"> <li>- High strength</li> <li>- Corrosion protected</li> </ul>
<b>Fixings</b>		
<ul style="list-style-type: none"> <li>- Multi-grip pop rivets (main connection method)</li> <li>- Bolts &amp; (self locking) nuts size M8, combination of stainless and galvanised steel</li> </ul>		
<b>Tools required for installation </b>		
<ul style="list-style-type: none"> <li>- 13mm spanner</li> </ul>	<ul style="list-style-type: none"> <li>- Allen key included</li> </ul>	<ul style="list-style-type: none"> <li>- Measuring tape</li> </ul>

**Please note:** The SafeStow4® was safety tested with Rhino Products roof racks and bars, therefore the TUV certification only applies when the system is used in conjunction with one of these products.

