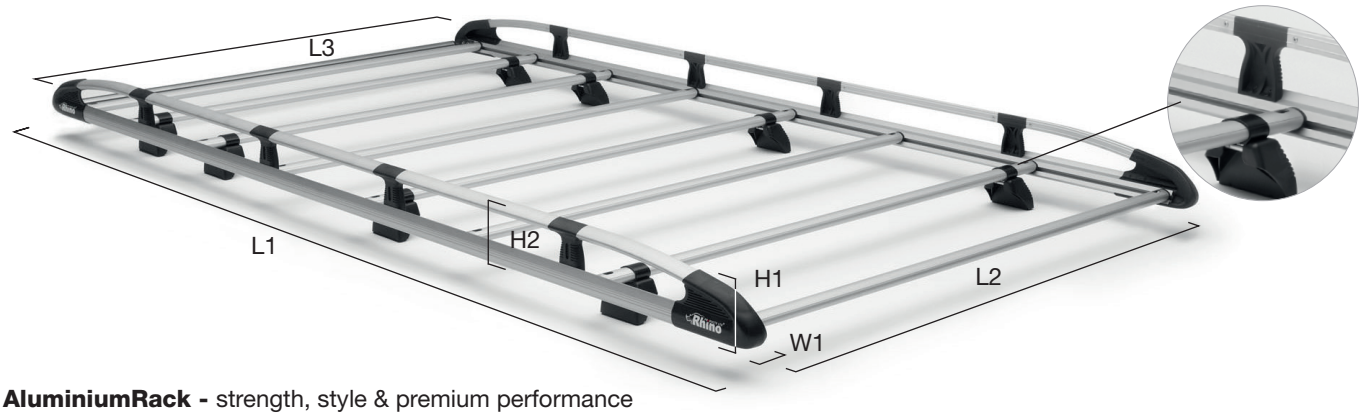
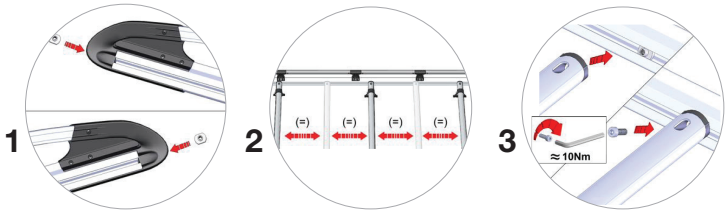
Technical data sheet - AluminiumRack™



AluminiumRack - strength, style & premium performance

Rhino's AluminiumRack represents the next generation of roof rack design. Thanks to the use of a highly robust aluminium alloy, the rack boasts excellent strength and carrying capacity. In addition to being corrosion resistant and durable, its contemporary aerodynamic design enhances the appearance of any commercial vehicle. This system comes complete with a full width rear roller for easier loading and unloading items to and from the van roof.



easy assembly

SIDE FRAME

Dimensions		Measurements
- Total side frame length	(L1)	2000mm - 2200mm - 2400mm - 2600mm - 2800mm - 3000mm - 3200mm 3600mm - 3800mm - 4000mm - 4200mm - 4400mm - 4800mm
- Nose cone height	(H1)	140mm
- Side frame height (max.)	(H2)	161mm
- Side frame width	(W1)	64mm

CROSS BARS

Dimensions		Measurements
- Cross tube length	(L2)	1250mm - 1400mm - 1600mm - 1700mm
- Cross tube height		32mm
- Cross tube width		53mm
- Cross tube leg height		min 64mm / max 127mm

ROLLER

Dimensions		Measurements
- Length roller	(L3)	1250mm - 1400mm - 1600mm - 1700mm
- Diameter		40mm

BEACON BRACKET

This bracket is a beacon support that securely holds single & triple bolt fixing beacons in place. It is compatible with all Rhino AluminiumRack and KammBar systems, increasing the functionality options of these versatile van roof storage products.

Please note: Beacon Bracket sold separately from AluminiumRack

Product code: FK226

The rear roller is attached with composite stub axles designed to eliminate any rattle noise.

The powder coated steel legs which are designed to suit the mounting points of each van are covered in protective and stylish plastic cowls.

The Rhino AluminiumRack is supplied with a fitting kit with all necessary parts for mounting the rack and instructions for installing the AluminiumRack on your vehicle.

Technical data sheet - AluminiumRack™

SIDE FRAME ASSEMBLY

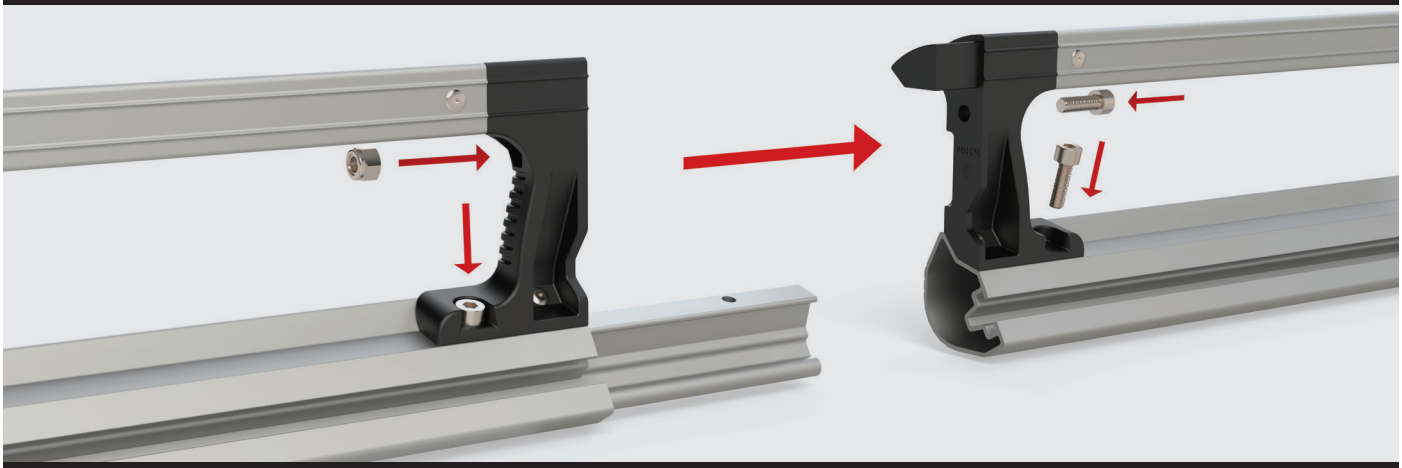
AluminumRack side frames come split in two sections with all connectors and end caps in place.
The two part side frames need to be assembled during the installation procedure using the provided adjoining mandrel and the associated nuts/bolts.

FITTING TIMES

Van wheelbase	Small		Medium		Long		Extra Long	
Number of fitters	1	2	1	2	1	2	1	2
Time	50 MINS	40 MINS	55 MINS	45 MINS	60 MINS	50 MINS	65 MINS	55 MINS

The two separate halves of a single side frame

Simple assembly process for connecting the side frames together



The complete side frame

Technical data sheet - AluminiumRack™

MATERIAL	WHERE USED	ADVANTAGES
Aluminium 6053A T6		
- Clear anodised - Architectural alloy - Thickness 3.0mm	- Side rails - Cross tube - Cross tube saddles - Legs	- Extremely durable, high tensile and yield strength - Excellent weight to strength ratio - Scratch resistant - Great for intricate extrusions with a good surface finish and high corrosion resistance
Composites		
- Polymer composite - Glass reinforced - Econyl GF30%	- Side frame connectors - Side frame supports - Cross bar endcaps - Roller endcaps - Roller supports	- Low weight, high strength ratio - High temperature variance - UV resistant
Copolymers		
- Polypropylene PPCP - Ducor 2600M	- Nose cones - Leg cowls	- Excellent impact strength - Robust, sturdy design - UV resistant
Electroplated steel		
- Trivalent zinc - Electropainted steel	- Endcap tongues - Track nuts - Fitting material (partly)	- High strength - Wear resistant - Corrosion protected
Stainless steel 304		
- Polished - 18/8 quality - Thickness 1.5mm	- Rear roller	- Durable - Rust free - Luxury finish
Fixings		
- Multigrip pop rivets (main connection method) - Bolts & (self locking) nuts size M8, combination of stainless and galvanized steel		
Tools required for installation		
- Allen key (included)	2x 10mm/13mm spanners (depending on model)	- 2x Ladders

36 WARRANTY months

from 25 Kg

TÜVRheinland CERTIFIED

20g crash tested

Rhino Products, Rhino House, Deans Road, Ellesmere Port, CH65 4DR
sales@rhinoproducts.co.uk