

Installation Instruction Guide - Domestic Use 500mm

Domestic Wheel Stops (500mm long) are suitable for domestic applications such as home garages or carports. They are designed to restrict vehicles such as cars, motor bikes, trailers, jet skis or caravans from traveling beyond their designated parking space and helping to prevent damage to walls, garden beds, belongings and other vehicles. Wheel Stops must be securely affixed to the ground to inhibit upward curving at the ends, as all plastic expands/contracts. As surface and environmental conditions may vary, please adjust the installation instructions as required to ensure the wheel stop is securely fixed to the ground. Our 1650mm long Wheel Stops that meet the Australian Standard are recommended for all commercial applications.

Specifications

- Dimensions (mm): 500 (l) x 96 (h) x 136 (base width) x 48 (top width)
- 96mm height prevents damage to vehicles with low set spoilers
- Lightweight (2.8kg) for installation by one person, without costly lifting equipment or risk of personal injury

Calculating Distance of the Wheel stop from the kerb/barrier (as per AS/NZS 2890.1:2004)

The distance the Wheel Stop should be installed from the kerb, wall or other barrier depends upon the height of the barrier and whether reverse-in parking is likely.

Parking direction	Wheel Stop distances (mm)			
	Parking to kerb < 150mm high		Parking to kerb > 150mm high or wall	
	Wheel Stop height		Wheel Stop height	
	90mm	100mm	90mm	100mm
Vehicle front-in	630	620	830	820
Vehicle rear-in	910	900	1110	1100

Materials & Installation Guide

a) Concrete: 2 fixings are required per Wheel Stop



Internal Use: 2 X HILTI HRD-H 10mm x140mm + 2 x washers

1. Position wheel stop according to your requirements
2. Drill small pilot holes to mark fixing points.
3. Move wheel stop aside and drill out the pilot holes using a 10mm masonry bit. Holes must be 25mm deeper than fixing penetration.
4. Remove dust from holes, reposition wheel stop and insert concrete screws.
5. Wind in fixings securely using socket wrench or impact driver.

b) Asphalt: 2 fixings are required per Wheel Stop



External Use: 2 x HILTI HGN 14 aerated concrete anchors + M10 galvanised coach bolts x 150mm + 2 x gal washers

1. Position wheel stop according to your requirements
2. Drill small pilot holes to mark fixing points.
3. Move wheel stop aside and drill out the pilot holes using a 10mm masonry bit to 100mm hole depth.
4. Remove dust from holes, reposition wheel stop and insert anchor.
5. Wind in coach bolt securely using socket wrench or impact driver.

c) Bitumen: 2 fixings are required per Wheel Stop

External Use: 2 x 300mm x 12mm diameter gal spikes with welded washer

1. Position wheel stop according to your requirements.
2. Drill small pilot holes to mark fixing points.
3. Hammer in spike fully, ensuring the head of the spike is below the top of the wheel stop.



WARNINGS: • For use on flat surfaces only • Must be securely fixed to ground • Wheel stops should not be used where they may be in the path of pedestrians moving to & from parked vehicles or crossing a car park for any other purpose • Always perform your own risk assessment before using this product • Warranty excludes fixings & installation • Copies of Technical Data Sheets available upon request- 18052021