

Big Blockout Manual



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Version 2.2
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Preface

For optimum performance, Saferoads Big Blockout pedestrian barriers must be installed and maintained as per this manual. Please thoroughly review and understand this manual before using Saferoads Big Blockout barriers.

Big Blockout barriers are not crash tested or crash rated and may be used for channelisation and delineation.

If more information is required, please contact Saferoads:

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Introduction

Saferoads Big Blockout pedestrian barriers are designed to redirect foot traffic and protect pedestrians from hazards such as worksites and roads. Since they are water filled and stackable, they are lightweight when empty and easy to transport and install.

Saferoads' Big Blockout Barriers are Australian Made using high quality UV Stabilised LLDPE.

Big Blockout Barriers are rotationally moulded - a superior one-piece manufacturing process. The result is a seamless barrier with an 8mm wall thickness - featuring high impact absorption and excellent resistance to punctures and tearing.

Big Blockout Barriers have the strength, flexibility and high temperature resistance required for the unforgiving Australian climate.

Applications

Saferoads Big Blockout barriers are ideal for the following applications:

- Sporting venues
- Events
- Festivals
- Construction sites



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Specifications

Height	940mm
Overall Length	2200mm
Installed Length	2050mm
Width	390mm
Weight (empty)	38kg
Weight (full)	488kg
Water Ballast	450L
Wall Thickness	8mm
Material	LLDPE
Colour	Orange
Construction	Rotationally Moulded

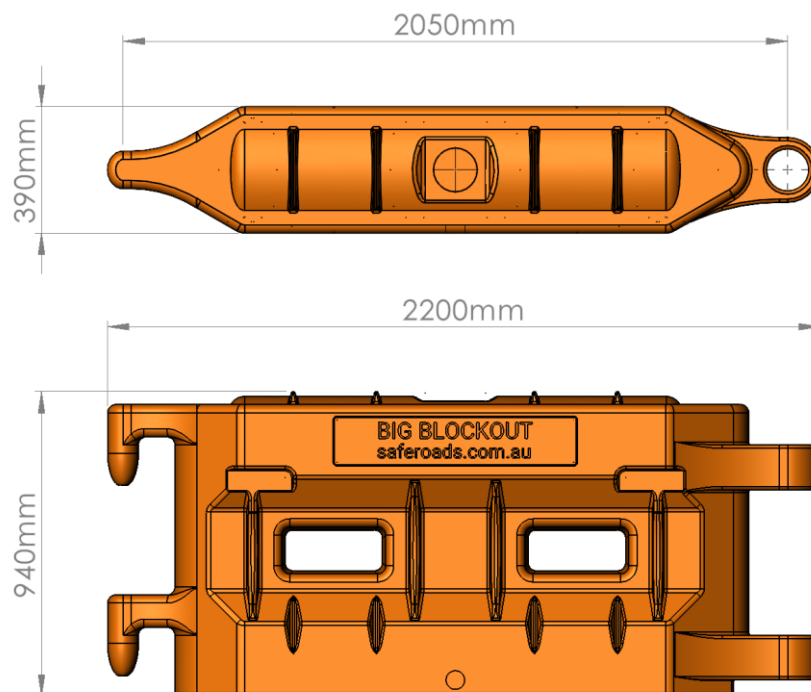


Figure 1



Installation

For the installation of Big Blockout pedestrian barriers, please follow the procedure outlined below.

1. Using a forklift, engage the barrier via the fork ports and position the first barrier in the desired location. Alternatively, two people can lift the barrier, one from each end, and place in position.



Figure 2

2. For each consecutive barrier segment, lower it into position so it connects with the adjacent barrier. Be careful of potential pinch point injuries. Ensure correct PPE is worn.



Figure 3

3. Pull back the rubber flap and fill each barrier segment with water. This is located on top of the barrier.



Figure 4

To remove an installation:

1. Unscrew the drain plug on each segment and empty each barrier of water. They are located in the centre at the bottom of the barrier. Remember to reattach drain plug after draining. A custom Rieke Bung tool is available.



Figure 5

A custom Reike bung tool is also available to unscrew the plug.



Figure 6

2. Lift barriers from one another one at a time and remove from installation. Big Blockout barriers can be stacked atop one another both in storage and during transit. Do not stack more than two high, and ensure barriers are secure before moving.



Figure 7

Site Considerations

Barriers can be arranged to step up slopes and follow undulating ground, see Figure 7 below, a step up of 100mm is achievable over the length of one barrier.

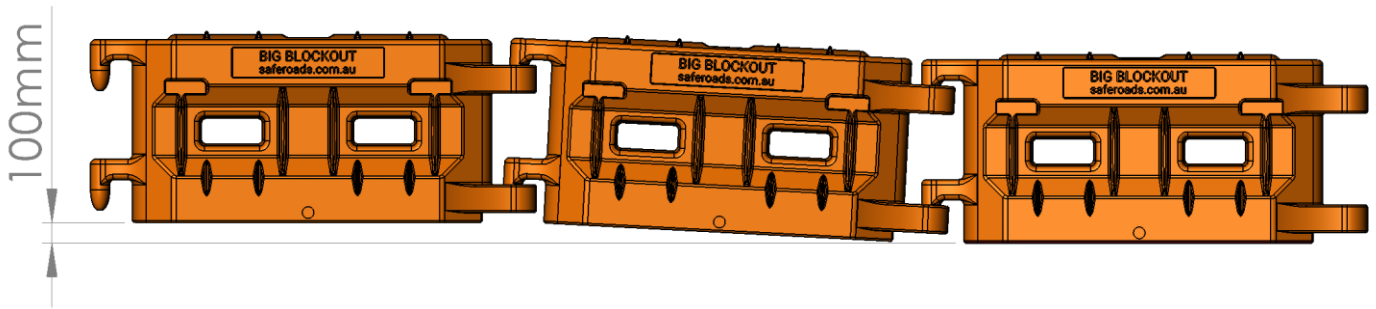


Figure 7 – Barrier step with three barriers

Big Blockout barriers can be interlocked and arranged into various polygon arrangements as shown in Figures 8 and 9 below.



Figure 8



Figure 9

Transport

72 units (147.6m) can be transported on one Semi, see Figure 10 below. If strapped and stacked 3 high, 108 units (221.4m) can be transported on one semi-trailer.



Figure 10

Maintenance and Repair

In the event of significant damage, please contact Saferoads to replace the effected barrier segments. Damaged units are also recyclable.



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Safe Work Method Statement

Activity	Hazard Identified	Controls Required	Risk Before Controls	Person Responsible	Residual Risk	Sign Off
Moving barrier sections	Lifting equipment failure	Ensure machinery and operators are appropriately certified, and all equipment is in good, working and tagged condition.	M		L	
	Contact with people or property	Ensure hazards are cleared from the area, and do not use lifting equipment/forklift in adverse weather.	M		L	
	Contact with overhead services	Ensure there are no hazards above the area. Arrange a spotter if uncertain.	H		L	
Installation	Pinch/crush injuries	Where possible, personnel should be away from area. If personnel are required, body parts should be clear when moving barrier section. Appropriate PPE should also be worn.	M		L	
Arriving or departing worksite	Collision with people or property	Abide by worksite speed limits and transport routes. Ensure nearby personnel are wearing high-vis clothing.	L		L	
	Environmental hazards	Personnel should wear appropriate clothing and footwear for environmental conditions.	L		L	
Attending worksite	Excess noise	Where required personnel should wear appropriate hearing protection.	M		L	

