



SPECIFICATION SHEET

WonderWall Barrier

SPECIFICATION SHEET

WonderWall Barrier



PRODUCT DESCRIPTION >

Our WonderWall Barriers are an ever-reliable option for extra endurance and strength at street works, evacuations, and more.

These chapter 8 barriers have a weight of 21.3k and feature built-in ballast for protection against high winds. They make up a system that includes a range of useful features for further evacuation site and roadwork safety, such as a reflective area for enhanced visibility.

Each safety barrier comprises a total proportion of 1m (*height*) x 1.14m (*width*). Manoeuvrability is improved by holes for forklift entry, ideal for transporting and stacking.

WONDERWALL BARRIER SPEC >

Length	Width	Height	Weight
1140mm	500mm	1000mm	21.3kg

KEY FEATURES >

- Conforms to requirements of BSEN8442
- Reflective area meets requirements of BSEN12899-1
- Meets standards of Chapter 8 - The Traffic Signs Manual
- Pedestrian & plant WonderDoor can be used
- Embossing with corporate branding available
- Compatible with other barrier systems
- Holes in base for fork lift entry
- 21 pieces each to a pallet
- Extremely tough & durable for life longevity
- Base manufactured from 100% recycled material
- Can be coloured coded for corporate identity

WONDERWALL BARRIER VISUAL APPEARANCE >



DIMENSIONS > A. 1140mm - B. 500mm - C. 1000mm

SPECIFICATION SHEET

WonderWall Barrier With Fence



PRODUCT DESCRIPTION >

Our WonderWall barriers are designed with both durability and versatility in mind.

Ideal for a double-decked system, they are compatible with extra products such as temporary fencing panels to form a strong, multi-purpose solution.

As well as being strong and durable, WonderWall safety barrier units are very easy to transport. Fence panels are 990mm across, the perfect width for attaching to a double-decked system.

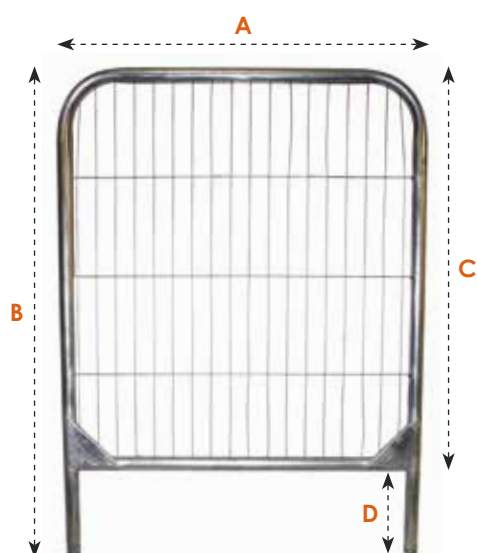
WONDERWALL FENCE SPEC >

Width	Height	Thickness	Weight
970mm	1060mm	40mm	3.6kg

KEY FEATURES >

- Quick and easy to slot into the WonderWall Barrier
- Round top anti climb mesh panels
- Thick 40mm tubular steel frame
- Extends overall height to 2060mm
- Lightweight and simple to stack when in transit
- Facility to take a double decked system

WONDERWALL FENCE VISUAL APPEARANCE >



DIMENSIONS >

A. 970mm - B. 1300mm - C. 1060mm - D. 245mm

SPECIFICATION SHEET

WonderWall Joining & Stacking



PRODUCT DESCRIPTION >

Easy to connect, our WonderWall barriers are securely linked by a specially moulded peg.

This helps to provide speed and efficiency in short-notice or emergency scenarios, with a system that allows for the prompt erection of strong barriers.

The peg linkage design allows users to speedily take apart and reposition the WonderWall barriers, making this safety barrier system an incredibly versatile product.

These chapter 8 barriers can also be easily stacked, with panels stacked separately to the bases. These stacks can then be moved by forklift, with moulded holes in the forklift base for ease of access.

WONDERWALL STACKING & JOINING VISUAL APPEARANCE >



Bases are designed to be separately stacked from the panels.

Stacks of bases should be moved via a fork-lift, the moulded bases include holes for easy forklift access.

21 pieces can be transported to a single pallet (*base or panel*), this makes transportation very cost-effective.



SPECIFICATION SHEET

WonderWall Wind Loading



PRODUCT DESCRIPTION >

The WonderWall barrier system has been scientifically tested under intense wind conditions at Mira's Full Scale Wind Tunnel.

All three wind categories were tested. Class A can withstand winds of 58 mph (*minimum*), Class B at 39 mph (*minimum*), and Class C at 19 mph (*minimum*).

Our WonderWall barriers have proven to perform well in all three wind categories, making them a failsafe barrier option.

WONDERWALL WIND LOADING CAPABILITIES >

- 1** WonderWall Barrier Single Unit
Recommended Ballast Weight: 0kg

33 mph

Wind speed withstood,
not to failure point.

 **CLASS C - PASSED**

- 2** WonderWall Barrier Single Unit
Recommended Ballast Weight: 15kg

47 mph

Wind speed withstood,
not to failure point.

 **CLASS B - PASSED**

- 3** WonderWall Barrier Single Unit
Recommended Ballast Weight: 65kg

65 mph

Wind speed withstood,
not to failure point.

 **CLASS A - PASSED**

- 4** WonderWall Barrier Boxed Units
Recommended Ballast Weight: 40kg

63 mph

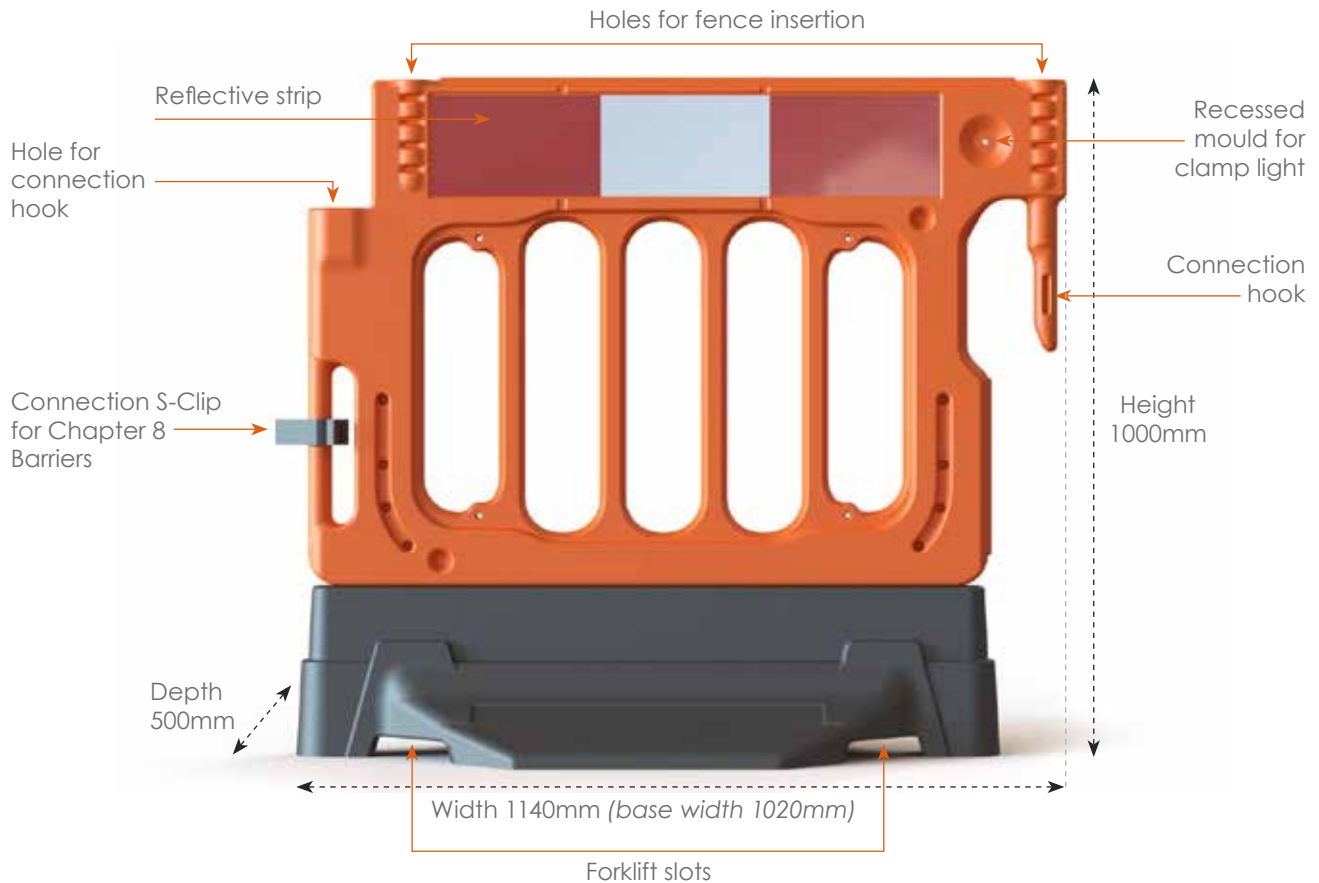
Wind speed withstood,
not to failure point.

 **CLASS A - PASSED**

SPECIFICATION SHEET

WonderWall Technical Overview

TECHNICAL DETAILS >



Base With Insertion Slots



Hole For Fence Add-On



WonderWall S-Clip Connecting To Chapter 8 Barrier



WonderWall Connected To WonderDoor Add-On