



StrongWall Barrier

Specification Sheet
SBS200900

01/08/24

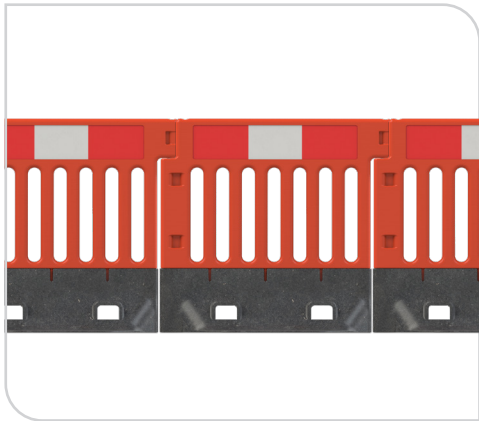
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F A C I L I T I E S



StrongWall Barrier

The StrongWall Barrier is an extremely robust and stable barrier system which is designed to meet the demands of providing safe access for pedestrians through road or construction works.

Although light-weight enough for easy transportation and erection, the design feature which allows water-filling to the top section, along with the tamper-proof linking system, makes StrongWall barriers extremely difficult to move or manipulate once in situ.



Line of StrongWall Barriers



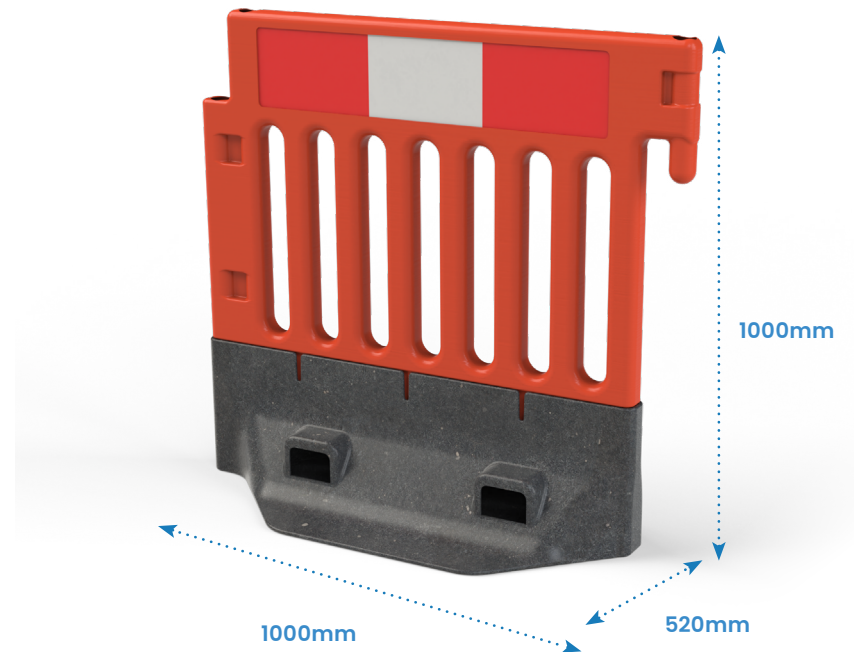
StrongWall Barriers with fencing

StrongWall Barrier Specification

Description	Size (mm)	Weight (kg)
SBS200900 - StrongWall Barrier	H1000 x W1000 x D520	22

Key Features

- > Designed for compact stacking to provide low transport costs
- > Anti-tamper linking system
- > Compatible with fence panels increasing height to 2m
- > High density moulded top section can be water filled, adding a further 15kg
- > Nationwide delivery and install available
- > Colour and logo customisation
- > 18 barriers on a pallet





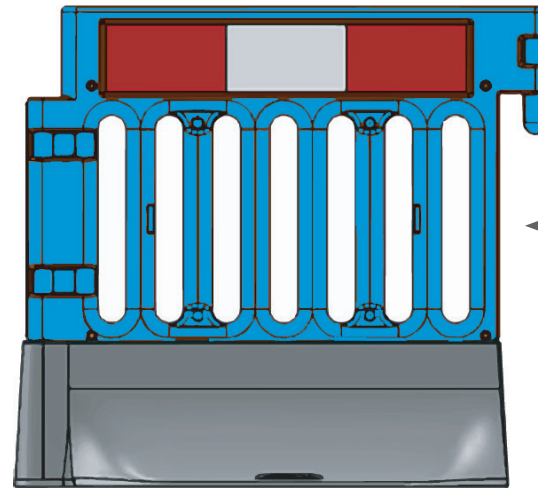
StrongWall Customisation

The StrongWall Barrier can be fully customised to suit your companies brand.

When ordering over 500 barriers we are able to offer the option to customise the colour of the top section on our StrongWall Barrier.

Further your companies brand and identification, using a web based colour code as shown on the right we can generate the correct pantone to colourize your barriers.

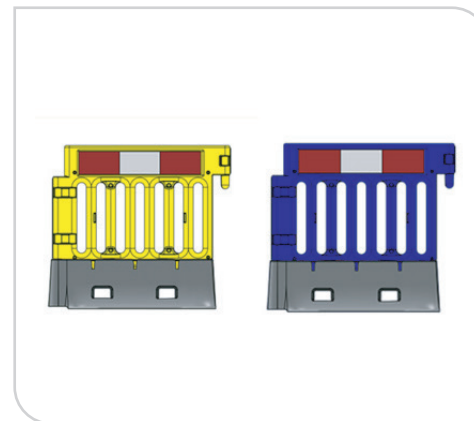
Company Branding



safesite[®]
FACILITIES



#0e81c5



Various Colours Available



Add signage & logo

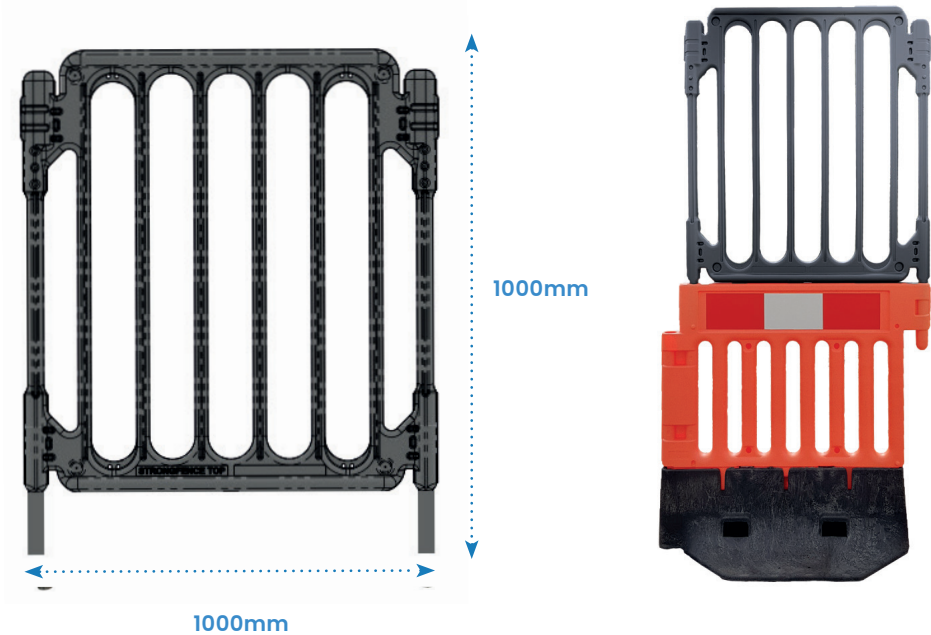


Strong Fence

The Strong Fence system is a Chapter 8 compliant, lightweight system that meets anti-climb requirements.

The all plastic design makes it very efficient, with only one person needed to carry out installation, the barrier can be rapidly deployed and utilises a plastic coupler instead of metal, which makes it a non-corrosive system.

The fence top can be customised to match your company identity, with embossing, labelling and corporate colours available.



StrongWall Plastic Fence Specification

Description	Size (mm)	Weight (kg)
SBS200930 – StrongWall Barrier Plastic Fence Panel	H1000 x W1000 x D60	3.5



Separate Public From Private Works



Plastic Coupler On Fence Top

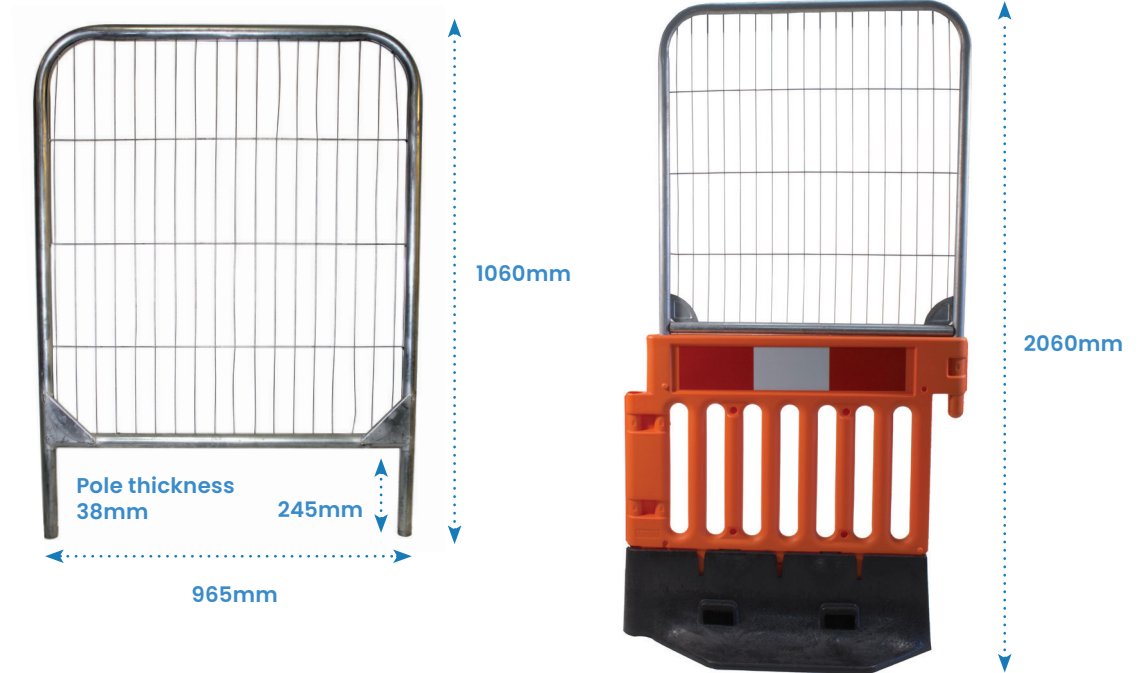


Mesh Fence Add-On

The StrongWall Fence is designed to give the barrier extra height, to help deter pedestrians from climbing over.

The fencing gives the barrier an overall height of 2m and with the use of anti-climb mesh makes it a strong deterring from potential vandals .

Easy to transport and handle the fence panel is an efficient piece of equipment that can be rapidly deployed and assembled by one person.



StrongWall Mesh Fence Specification

Description	Size (mm)	Weight (kg)
SBS201090 - StrongWall Barrier Mesh Fence Panel	H1060 x W965 x D38	5



Strongwall joined and angled



Creates 2m in overall height



StrongWall Barrier – Wind Loading

All temporary traffic barriers must be able to withstand three different classes of wind speeds with the use of a ballast.

The standard BS 8442:2015 states the three classes as the following

Class A: 26.3 m/s (58 mph)

Class B: 17.6 m/s 39 mph)

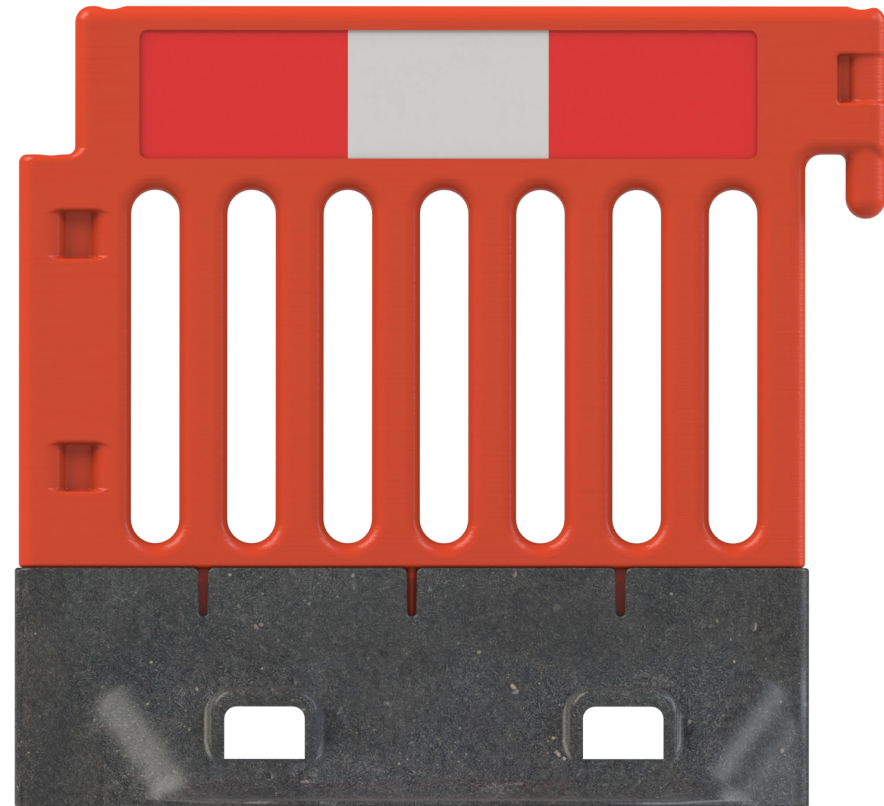
Class C: 8.7 m/s (19 mph)

The StrongWall system was tested under strict conditions at the Mira Full Scale Wind Tunnel to determine what level of wind speeds the barrier can withstand

1 StrongWall Barrier

32mph

Wind speed withstood, not to failure point.



 **MIRA** CLASS C - PASSED



StrongWall Barriers In Action

When barriers are required for the safety of pedestrians and vehicles, Strongwall Barrier systems offer a robust and versatile option for construction site and road work safety.

Along with the opportunity to double the height of each barrier with the addition of fencing, the versatility of this design makes it suitable for a whole range of work-site safety and traffic or pedestrian control situations.

In addition to the moulded high density top section, the 100% recycled heavy black barrier base weighs 18kg and adds good stability even in windy conditions. It also carries a curved anti-trip design, to provide safe access on both sides of the barrier.



StrongWall separating traffic lanes



StrongWall used roadside



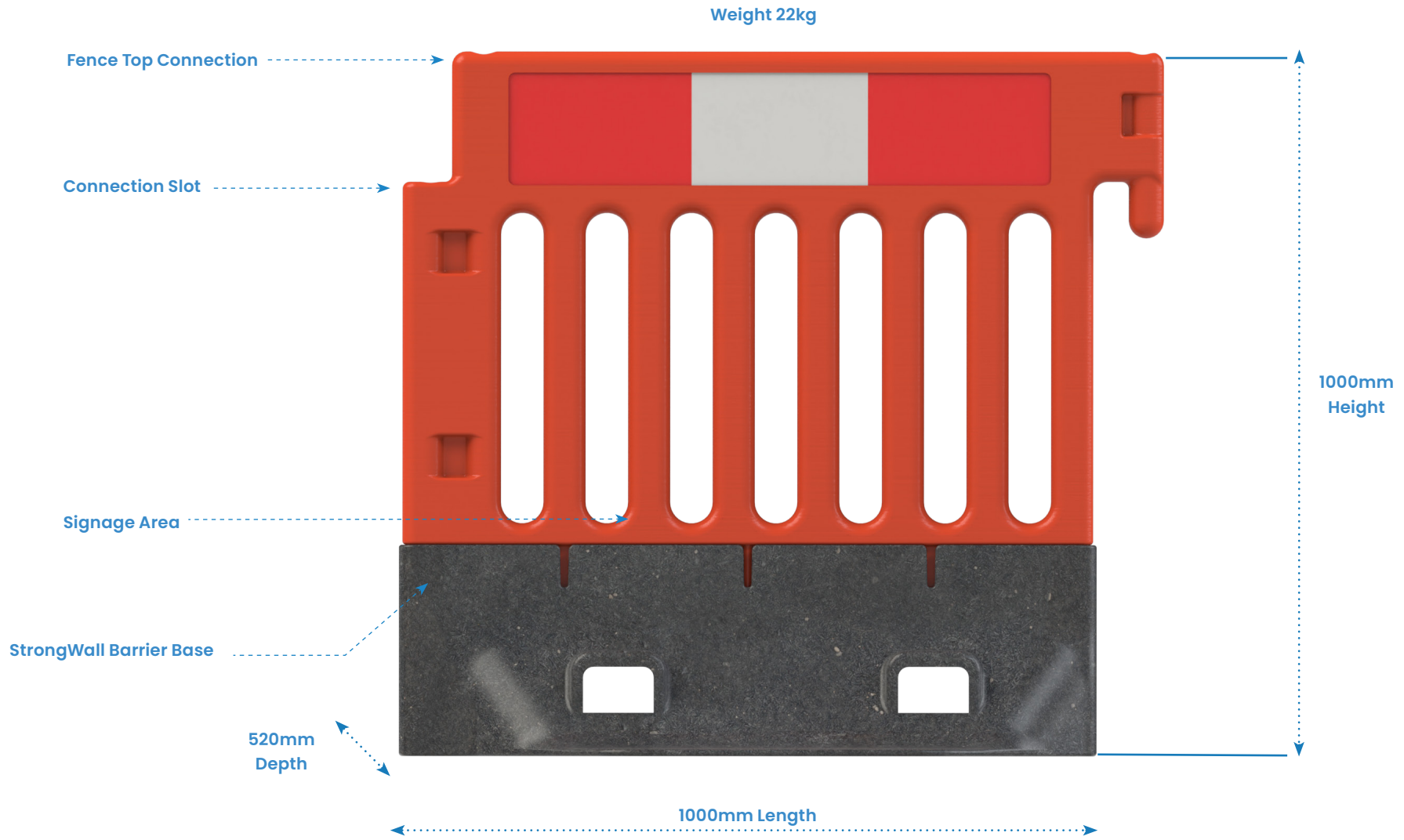
StrongWall stacked



Whit StrongWall barriers



Technical Details





StrongWall Packing & Loading

The diagrams on this page are a guide as to the safe packing / stacking procedure when loading the Strongwall Barriers onto a trailer.

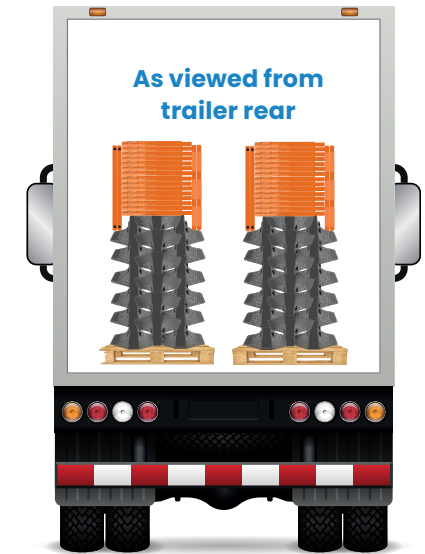
To correctly pack the Strongwall Barriers on to a pallet, the bases must be laid in rows of three, with two next to each other in the upright position and the third placed upside down in between the other two and then stacked six rows high.

The pallets can be loaded on to a articulated lorry two across in rows of nine, for a total of 432 Strongwall barriers. Lifting aparatus will be required to load and off-load all pallets.

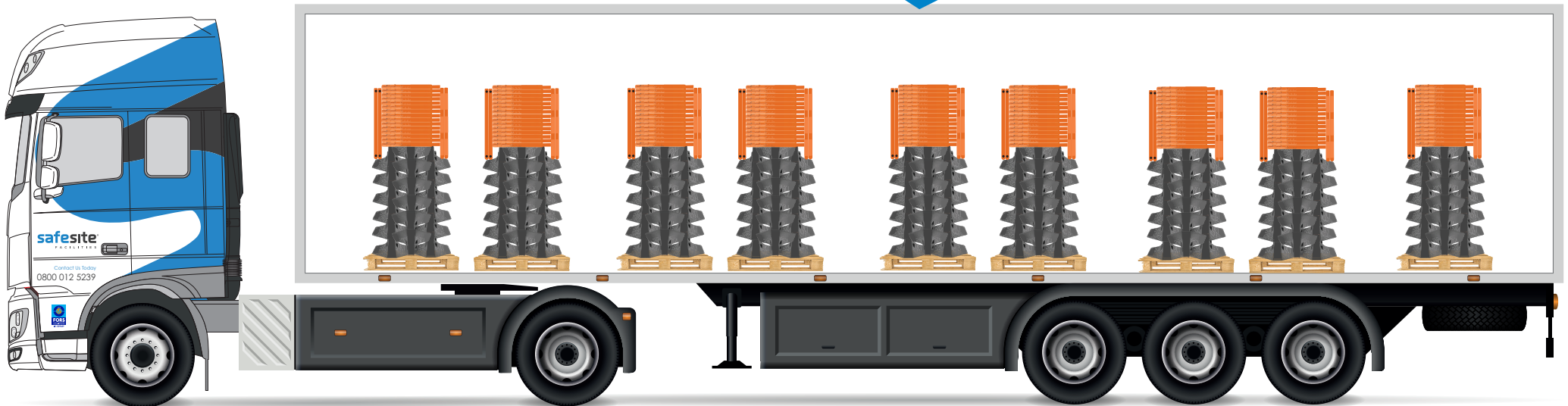
Diagram above demonstrates the correct loading formation when transporting a maximum load of 432 barriers on an articulated vehicle.



18x Barriers per pallet



View from side of artic trailer





1

**StrongWall
Plastic Fence Panel**



Size (mm)	Weight (kg)
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H1000 x W1000 x D60	3.5
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2

**StrongWall
Mesh Fence Panel**



Size (mm)	Weight (kg)
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H1060 x W965 x D38	5
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