The DEFENDER50

Alltemporary trafficbarriers mustbeable 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)

Dimensional data for the DEFENDER50 when full with 400 litres of water was processed implementing the formula found within BS EN 8442:2015 to determine the estimate ballast weight required for each wind Class.
Below are the results and guides as to the recommended ballast weight.

DEFENDER50 ✔ Passed

Barrier will overturn at approximately 55.2 m/s

Recommended Ballast Weight:

Class C: 0 kg | Class B: 0 kg | Class A: 0 kg

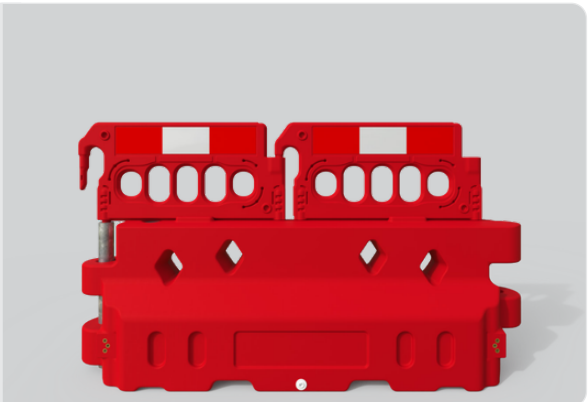


DEFENDER50 & Mini DoubleTop ✔ Passed

Barrier will overturn at approximately 42.6 m/s

Recommended Ballast Weight:

Class C: 0 kg | Class B: 0 kg | Class A: 0 kg

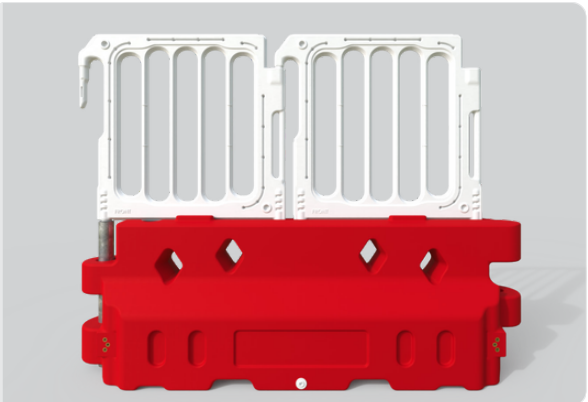


DEFENDER50 DoubleTop ✔ Passed

Barrier will overturn at approximately 35.4 m/s

Recommended Ballast Weight:

Class C: 0 kg | Class B: 0 kg | Class A: 0 kg



Images are for representation purposes only.

The information given on these sheets is typical of the product depicted it must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice. All measurements are in millimetres (mm)

REMA

bsi. ISO 9001 Quality Management FM 673547