

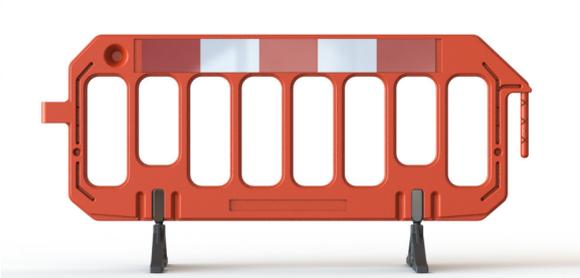
Gate

Tested at MIRA

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 Gate Barrier system was tested under strict conditions at the Full Scale Wind Tunnel at Mira to determine at which wind speeds the barrier can withstand. Below are the results and guides as to the recommended ballast weight for each Wind Class:

<p>Class C ✓ Passed</p> <p>Withstood up to 19.4 mph</p> <p>Recommended Ballast Weight: 0 kg</p>	
<p>Class B ✓ Passed</p> <p>Withstood up to 42.3 mph</p> <p>Recommended Ballast Weight: 30 kg</p>	
<p>Class A ✓ Passed</p> <p>Withstood up to 59.1 mph</p> <p>Recommended Ballast Weight: 90 kg</p>	
<p>Boxed ✓ Passed</p> <p>Withstood up to 59.4 mph</p> <p>Recommended Ballast Weight: 70 kg</p>	

Images are for representation purposes only.