

## Q-Fence

Tested at 

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 Q-Fence Barrier with Multifit 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:

### Class C

✓ Passed

Withstood up to 23 mph

Ballast Weight per block: **0 kg**



### Class B

Withstood up to 39.6 mph ✓ Passed

Ballast Weight per block: **44 kg**



### Class A

✓ Passed

Withstood up to 58.2 mph

Ballast Weight per block: **66 kg**



When using 600 x 450 sign faces:

When using 750 x 750 sign faces:

When using 980 x 810 sign faces:

When using 1900 x 1000 sign faces:

When using 2700 x 1000 sign faces:

When using Acoustic Blankets:

No Ballast is required for Class C

No Ballast is required for Class C

No Ballast is required for Class C

No Ballast is required for Class C

No Ballast is required for Class C

44 kg is required per block for Class C

Images are for representation purposes only.