Wind Tunnel Testing

CityWall

Tested at MIRA

Alltemporary traffic barriers must be able to withstand three different classes of wind speeds with the use of a ballast. The standard BS 8442:2006 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 0.8m CityWall Barrier system when filled with water 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 over 70 mph

Recommended Ballast Weight: 0 kg



Class B ✔ Passed

Withstood over 70 mph

Recommended Ballast Weight: 0 kg



Class A ✔ Passed

Withstood over 70 mph

Recommended Ballast Weight: 0 kg



Square ✔ Passed

Withstood over 85 mph

Recommended Ballast Weight: 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)

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