## melba swintex

Olympic

## Wind Tunnel Testing

## 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 Olympic 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:

Class C Passed Withstood up to 19.9 mph Recommended Ballast Weight: <b>0 kg</b>	
Class B Passed Withstood up to 46.2 mph Recommended Ballast Weight: <b>30 kg</b>	
Class A Passed Withstood up to 63.1 mph Recommended Ballast Weight: <b>80 kg</b>	
Boxed Passed Withstood up to 65.4 mph Recommended Ballast Weight: 30 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)



