

Mini ES Wind Shield

The 'Mini ES' type shield is used as a permanent solution for protect both personnel and equipment from the harsh weather conditions experienced both onshore and offshore in the oil and gas industry.

The shield is of a single layer construction which can reduce the wind speed by up to 62% without affecting light transmission and ventilation. This can be further expanded by adding an additional layer which will reduce the wind speed by up to 72%. Protection against radiant heat is also provided.

The Mini ES Shield has been successfully tested to wind speeds in excess of 100mph.



Key Features

- Wind efficiency 62% (72% with additional layer)
- Independently tested at wind speeds in excess of 100mph (87knots/h)
- Able to span large distances between supporting steelwork
- All stainless steel type 316L construction
- Ideal for permanent wind and weather protection
- Excellent light transmission and ventilation
- Quick onsite installation and



Wind Speed Reduction Test Results

Free Flow Wind Speed (mph)	Speed Recorded Behind Shield (mph)	Total Reduction in Speed (mph)	Percentage Reduction (%)	Max Deflection (mm)
53	17	36	68	14.8
82	31	51	62	33.3
87	32	55	63	48.5
94	35	59	63	61
97	37	60	62	69.6
101	38	63	62	76.5