

SPEEDSCREEN400

The world 1st ballast supported freestanding permanent pre-engineered screen enclosure.



CONCEPT

- Screen system not relying on fixing points, structural connection to the building, or any penetration through the weatherproof membrane.
- A system that incorporates our range of surround types including our acoustic products.
- A1 fire rated / powder coated items A2 fire rated

DESIGN

- Configurable in increment sizes in height and length to suit your requirements.
 - Only 400mm of ballasted framing protruding into the plant area with over-head bracing, allowing increased maintenance access and spatial requirements internally.
 - Speedscreen400 is able to be installed on flat roofs and shallow gradient situations.
 - Complements our plant platform range perfectly and can be integrated so that screens are continuous regardless whether it is mounted on a platform or on the Speedscreen400 system.
 - Ballast weight values are calculated in relation to four factors: Terrain category, area wind velocity according to EuroCode 1, building height and screen height.
 - All aluminium components with stainless steel fixings – backed by a 20 year warranty.
- Designed according to EN 1991-1-4:2005+A1:2010 Section 7.4.1 and complies to BS EN 516 2006 and BS EN 1090-3 2008

SUPPLY

- The name of our screen system speaks for itself and is available with a short lead time and has an impressively short assembly time on site.
- Supplied in kit form with all fixings, site specific drawings and instructions.
- Take advantage of our approved installer network for an efficient and stress-free installation.

MOUNTING TAPE OPTIONS

Speedscreen400 is supplied with either Neoprene Foam Rubber Tape or VHB Foam Tape applied to the underside of the frame depending on whether the system is to be adhered to the roof surface or not.



OPTIONAL ACCESS GAP OR GATE

- An access gap of any 600mm increment wide is configurable in the Speedscreen400.
- A Self Closing Access Door 600mm wide is configurable in the Speedscreen400.
- A Self Closing Double Access Door 1200mm wide (2 x 600mm doors) is configurable in the Speedscreen400.

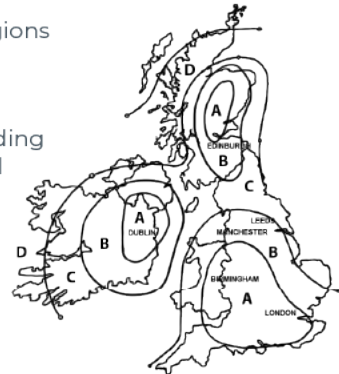
WIND LOADS

Speedscreen400 is suitable for regions A, B, C & D.

Pre-engineered factors: Terrain category, area wind velocity according to EuroCode 1, building height and screen height.

Basic mean hourly wind speeds:

- Region A - 22m/s
- Region B - 24m/s
- Region C - 25m/s
- Region D - 27m/s



SPECIFICATION REQUIREMENTS

- Speedscreen400 system by Configured Platforms Ltd
- Height of screen and screen type.
- Size of gap between roof surface and screen if required.
- Dimensions to form the enclosure, either 3-sided or 4-sided.
- Position or quantity of access doors or gaps if required.

SCREEN TYPE CHOICE

Each of the surround options used on our platforms can be applied to the Speedscreen400 system.

- Standard Screen Wall – For aesthetic screening of plant, equipment and/or ductwork.
- Soundshield – For aesthetic screening and acoustic attenuation by reflection.
- Peacemaker – For aesthetic screening and acoustic attenuation by absorption.
- Acoustic+ – For aesthetic screening and acoustic attenuation by reflection and absorption.