

Flexiscreen® *construction screen*

Protectors of
momentum

Flexiscreen® is an engineered temporary dust containment and weather protection screen. Flexiscreen is proven to shield open buildings from weather exposure, regulate temperature, reduce noise, and prevent dust spread to adjacent clean or operational areas. Create ISO Class 7 cleanroom areas next to active construction or renovation works quickly and cleanly, reducing risk of program or operational delay.



Dust
containment



Thermal
insulation



Weather
protection



ISO 7
cleanroom
standard



Relocatable
across project
phases



No mess,
quick/clean
installation

Features and benefits

Various panel connection methods / air permeability guarantee

- Choose the panel connection method to suit your project – balance performance versus speed of delivery and install
- Over 99% air/dust tight seal – achieve ISO 7 cleanroom standard

Suspended panel based system

- Customize to any height and length (subject to survey) – suitable for all industrial environments and construction projects
- Needs minimal floor space – install in tight spaces and maximize floor areas
- Hangs from building's internal structure – no need for additional supporting steel framework
- Secure and neat fit to building and around protrusions or service penetrations
- Install at an angle to accommodate unusual structures and projects

Range of reinforced durable lightweight fabric

- No concerns for additional heavy weight loading on structures
- Select fabric to meet your project needs e.g. fire-retardant, antimicrobial (for internal projects in sensitive areas), translucent (let the light shine through)
- Incorporate roll up sections for equipment or vehicle access
- Add in further access points easily when needs evolve

Quick and clean installation and removal method

- Minimal impact on program or operations
- No lasting damage to structure or floors
- Reusable across project phases – easily reconfigure and relocate

Wind load calculations and design package

- Consultation and design package for projects in high wind locations (subject to panel connection method)
- Designs can be customized to include wind load straps



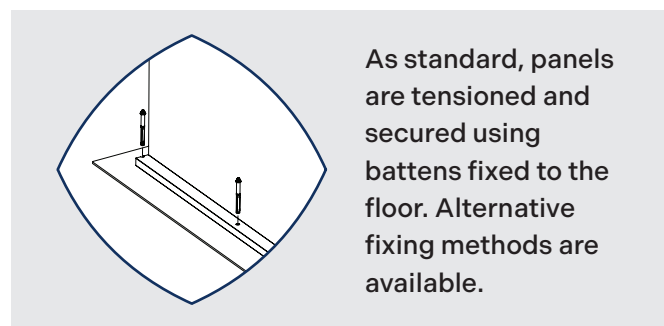
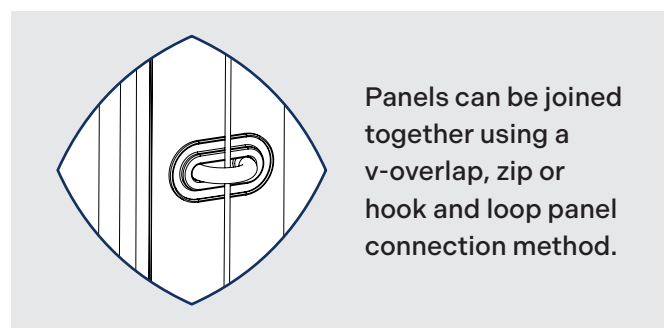
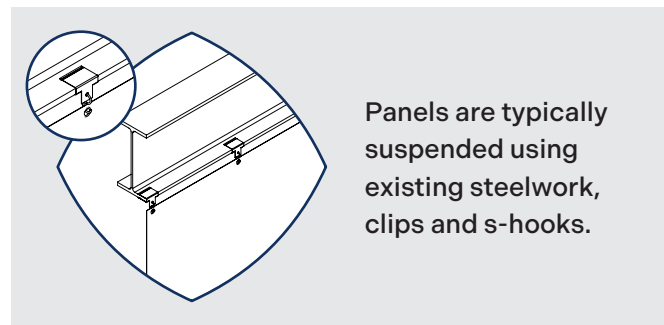
Technical specifications

Material performance	
Material composite	Main product is polyester reinforced fire-retardant fabric with PVC coatings We also supply a non-combustible woven glass fabric with PU coating (*Range of base fabric and coatings depending on your requirements)
Material weight	Between 5 oz/yd2 - 25 oz/yd2
Tensile strength	Between 91 lbf/in - 388 lbf/in
Tear strength	Between 9 lbf/in - 97 lbf/in
Material fire rating	ASTM E84 Class A, NFPA 701 Test 2, BS 5867:2008 Part 2 Type A & B, Warrington Certifire TS62 & TS63, EN 13501-1 between A2-s1-d0 to C-s2-d0 (*Subject to material specification. Fire ratings supplied at quote stage)
Operating temperature	Between -40 / +158 °F (*Dependent on fabric type)
Sound reduction	Between 11 - 13dB
Thermal resistance	Between 1.00BTU/h-ft2 °F - 0.95 BTU/h-ft2 °F
Panel connection methods	V-overlap, zip, hook and loop

For use on both internal and external projects, Flexiscreen hangs from the building's existing steelwork, with no additional framework or scaffold required. The unique panel connection method creates a weather and dust-tight seal at any height and length, keeping operations protected while construction and renovation works continue around them.



Installation



This fact sheet is for illustrative purposes only and based on the latest information at the time of print. Installation methods may vary depending on specific project requirements. Westgate Global Inc. is a subsidiary of Westgate Global Ltd. We reserve the right to make changes at any time without notice. WG-PFS-FS-US-0726 © Westgate Global Ltd.