

# 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 material

- No concerns for additional heavy weight loading on structures
- Select material to meet your project needs e.g. fire-resistant, 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



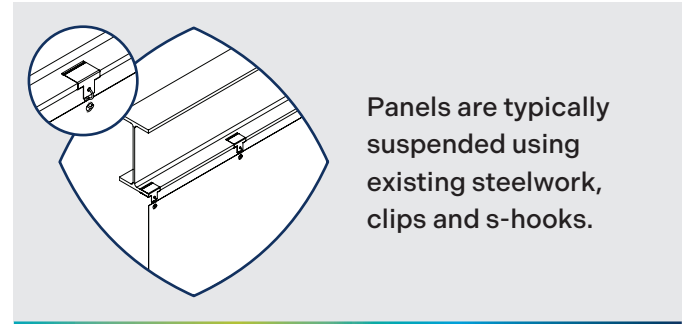
# Technical specifications

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

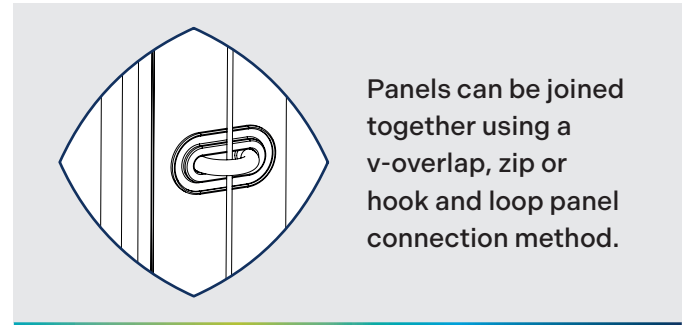
**For use on both internal and external projects, Flexiscreen hangs from the building's existing steelwork, with no additional framework or scaffold required.** The unique panel connection method creates a weather and dust-tight seal at any height and length, keeping operations protected while construction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



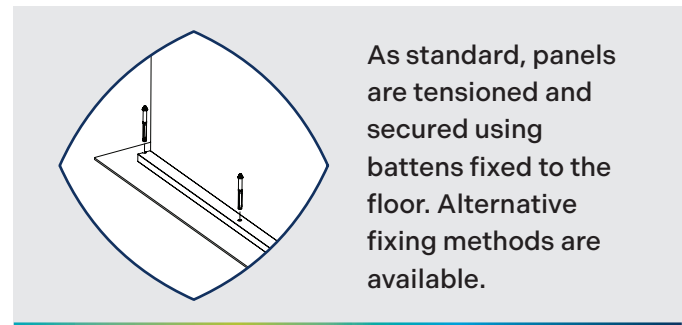
# Installation



Panels are typically suspended using existing steelwork, clips and s-hooks.



Panels can be joined together using a v-overlap, zip or hook and loop panel connection method.



As standard, panels are tensioned and secured using battens fixed to the floor. Alternative fixing methods are available.

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