

Flexiscreen® *construction screen*

Protectors of
momentum

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



Weather protection



Thermal insulation



Dust containment



ISO 7 cleanroom standard



Relocatable across project phases



No mess, quick/clean installation

Features and benefits

Various panel connection methods / air permeability guarantee	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Customise 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 maximise floor areas Hangs from building's internal structure – no need for additional supporting steel framework or scaffold Secure and neat fit to building and around protrusions or service penetrations Install at an angle to accommodate unusual structures and projects Incorporate roll up sections for equipment or vehicle access Add in further access points easily when needs evolve
Quick and clean installation and demount method	<ul style="list-style-type: none"> Minimal impact on programme or operations No lasting damage to structure or floors
Reusable across project phases	<ul style="list-style-type: none"> Easily adapt/reconfigure and relocate – allows for planned, unforeseen and unpredictable changes
Wind load calculations and design package	<ul style="list-style-type: none"> Consultation and design package for projects in high wind locations (subject to panel connection method) Designs can be customised to include wind load straps
Range of reinforced lightweight material	<ul style="list-style-type: none"> No concerns for additional heavy weight loading on structures Select material to meet your project needs e.g. fire-resistant, antimicrobial (for internal works in sensitive areas adhering to BRC), translucent (let the light shine through)



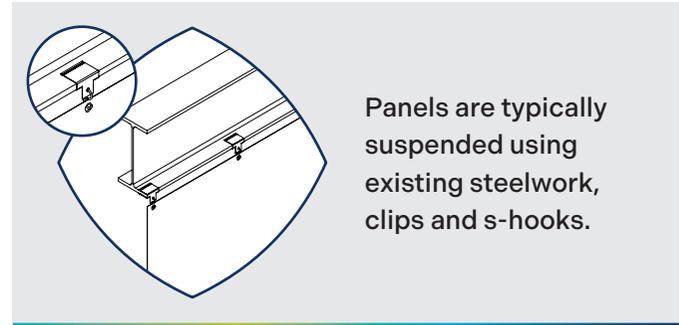
Technical specifications

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 175 - 840 gsm
Tensile strength	Between 800 - 3400N / 50mm
Tear strength	Between 250 - 850N
Material fire rating	EN 13501-1 between A2-s1-d0 to C-s2-d0, DIN 4102:B1, BS 5867:2008 Part 2 Type A & B, Warrington Certifire TS62 & TS63 (*Subject to material specification. Fire ratings supplied at quote stage)
Operating temperature	Between -40 / +70 °C (*Dependent on fabric type)
Sound reduction	Between 11 - 13dB
Thermal resistance	Between 5.68 - 5.40 W/m²K
Panel connection methods	V-overlap, zip, hook and loop

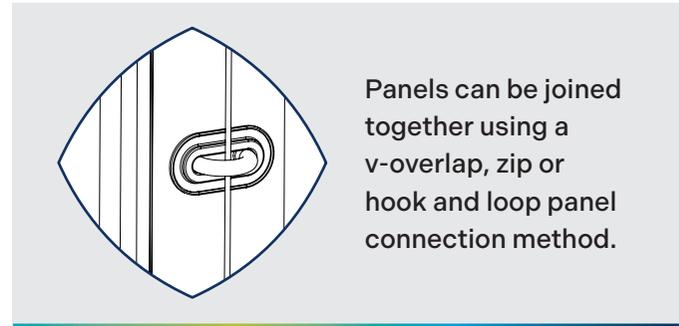
Available for both internal and external applications, Flexiscreen is quick and clean to install and during phased works can be moved and reconfigured, offering a robust and cost-effective alternative to scaffold sheeting.



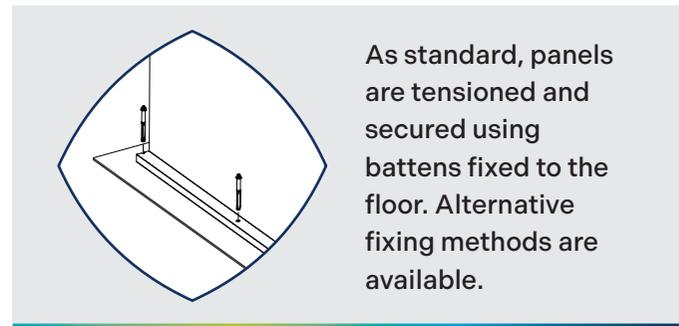
Installation



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.

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 reserve the right to make changes at any time without notice. WG-PFS-FS-0126 © Westgate Global Ltd.