

# Flexiwall® *industrial partitioning*

Protectors of  
*momentum*

**Flexiwall® is a tensioned fabric partition wall for large buildings.** Customise to create zones, prevent cross-contamination, manage temperature and reduce noise. Manufactured in reinforced fire-retardant material, Flexiwall takes up minimal floor space and hangs from your building's existing structure. Installed quickly and cleanly to minimise disruption, allowing spaces to be upgraded and adapted safely without shutting down operations.



Features and benefits	
V-overlap panel connection method / air permeability guarantee	<ul style="list-style-type: none"> <li>• Over 99% air/dust tight seal</li> <li>• Achieve ISO 7 cleanroom standard</li> <li>• Eliminate dust spread, prevent cross-contamination (fumes/odours), manage temperature, reduce noise and stop heat-loss</li> </ul>
Quick and clean installation method	<ul style="list-style-type: none"> <li>• No additional steelwork, no damage to structure or floors</li> <li>• Minimal impact on production and operation schedules</li> </ul>
Easily adapt / reconfigure or relocate	<ul style="list-style-type: none"> <li>• Designed for evolving spaces – adjust for planned, unforeseen or unpredictable changes</li> </ul>
Takes up only 50mm floor space	<ul style="list-style-type: none"> <li>• Needs less room to install – ideal for tight spaces</li> <li>• Maximise floor areas – install close to warehouse racking, factory equipment and on mezzanines</li> </ul>
Heavy duty lightweight material	<ul style="list-style-type: none"> <li>• Custom-made to any height and length (subject to survey)</li> <li>• Neat and compliant seal around steel protrusions and service penetrations – no need to relocate services</li> <li>• No concerns for additional heavy weight loading on structures</li> <li>• Simply incorporate roll up sections for equipment or vehicle access</li> <li>• Add in further access points easily when needs evolve</li> </ul>
Range of material options	<ul style="list-style-type: none"> <li>• Select material to meet your project needs (e.g. fire-retardant, fire-resistant, antimicrobial, translucent)</li> <li>• Create compliant fire-resistant partition walls – meet H&amp;S and insurance requirements</li> <li>• Translucent material allows natural light transit – no additional lighting needed</li> <li>• Choose brand colours and add logos – improve the environment for employees and visitors</li> <li>• Waterproof material suitable for external applications (e.g. canopy walls or airlocks)</li> </ul>
Range of accessories	<ul style="list-style-type: none"> <li>• Incorporate Fastflex® fast action doors, Flexistrip® PVC strip doors, Flexidoor® crash doors, Easiguard® crash barriers and Anchorwall® pedestrian doors</li> </ul>
15 year guarantee (internal walls only)	<ul style="list-style-type: none"> <li>• Enhanced protection you can rely on</li> </ul>



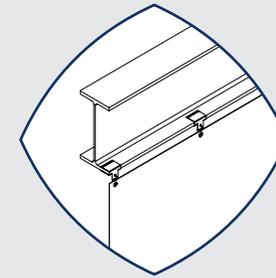
# Technical specifications

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 available, depending on your requirements)
Material weight	Between 340 - 1300gsm
Tensile strength	Between 340 - 4000N / 50mm
Tear strength	Between 80 - 850N
Material fire rating examples	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 and TS63 (Fire ratings subject to chosen material specification. Fire ratings supplied at quotation stage)
Operating temperature	Between -40 / +500°C (Dependent on fabric type)
Sound reduction	Between 10 - 16dB
Thermal resistance	Between 4 - 5.7 W/m <sup>2</sup> K

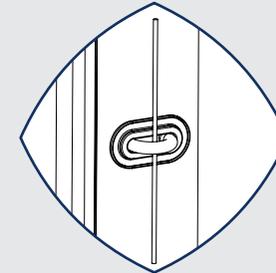
**Flexiwall can be designed to fit any size and shape of building and easily installs around existing ducts and pipework.** Customised solutions are designed and installed by our experienced Westgate Global installation team.



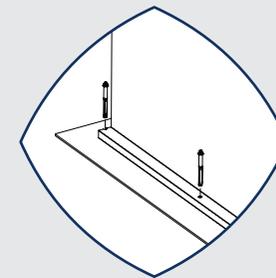
# Installation



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



Panels are joined together using our unique v-overlap panel connection method.



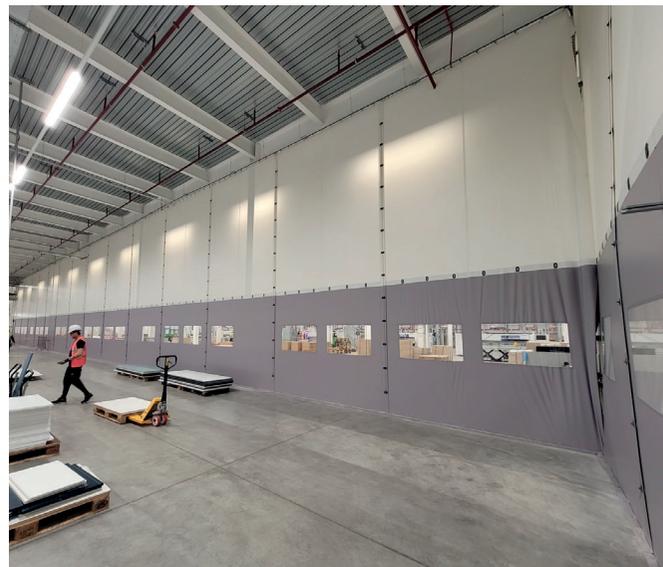
For floor-to-ceiling partitions, panels are typically tensioned and secured using battens fixed to the floor.

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