

Insulated Panels
UK & Ireland

Kingspan UltraTech Liner Panel

Product Data Sheet

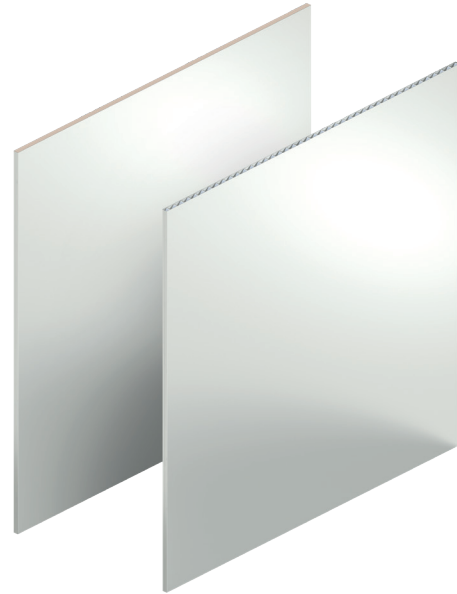
Kingspan Cleanroom Systems



Product Data

Applications

UltraTech Liner Panels are suitable for all internal cleanroom applications including refurbishment projects across a variety of sectors, including pharmaceutical and bio-technology laboratories; healthcare; semi-conductor; micro-electronics; medical research and advanced technology facilities. UltraTech Liner Panels are 16 mm & 12 mm thick and can be attached directly onto existing factory walls, or metal stud wall framing, to give them the same finish and appearance as adjoining new construction.



Available Lengths

300mm - 2400mm.

Dimensions, Weight

Thickness	12mm Plaster board core 16mm Aluminium honeycomb core
Width	300 mm - 1,200mm*
Height	300 mm - 2,400 mm*
Weight	10.62 kg/m ² **

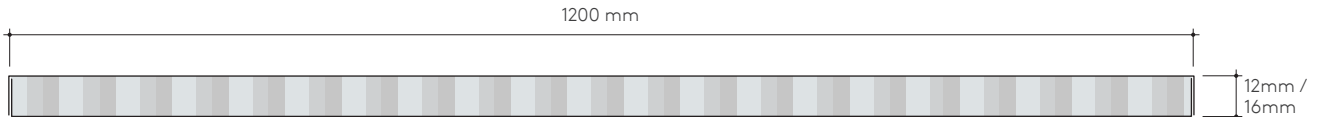
* Other options available depending on core selection

** Weight for the AHC option

Product Tolerances

Length	± 1.5 mm
Width	± 1.5 mm
Thickness	± 2 mm
Flatness (per m)	± 1 mm
End Squareness	± 2 mm

Dimensions

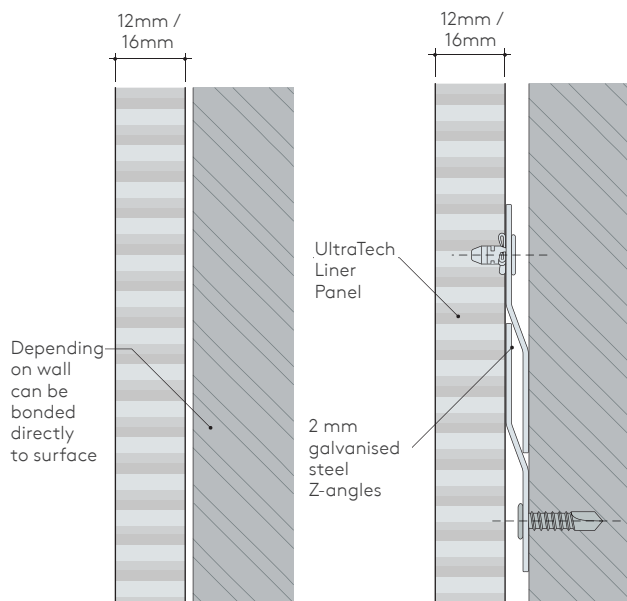


Insulation Core

UltraTech Liner Panels feature an option of aluminium honeycomb or plasterboard core material inside.

Connection Detail

UltraTech Liner Panels can be attached directly onto existing facility walls, or metal stud wall framing, to give them the same finish and appearance as adjoining new construction. For a removable connection, Z-clips are available to attach to existing wall and to the back of the liner panel. The panel can then be simply hooked onto clips for removable solution.



Product Data

Environmental

Kingspan insulated panels produced in the UK and Ireland are certified to BES 6001 (Framework Standard for the Responsible Sourcing of Construction Products) 'Good'.

In addition, facilities located in Kingscourt, Holywell and Sherburn generate renewable energy onsite which contributes to that sites energy mix. Recycled content calculations are available via technical services.

Materials

Substrate

Metallic protected steel to BS EN 10346: 2015. Please contact Kingspan Tech-eXchange for information on other substrates.

STERIS Products

Kingspan CLEANsafe 55 and CLEANsafe 120 panel coatings have been tested by STERIS Corporation Life Sciences for compatibility.

A range of STERIS cleaning agents commonly used in the Pharmaceutical industry were selected and no adverse reactions with the Kingspan panel coating were reported. The range of cleaning agents used in the tests were:

- Environ™ LpH™ Phenolic disinfectant
- Environ™ Vesphene™ disinfectant
- Septihol® Sterile Alcohol Solution
- Spor-Klenz® RTU cold Sterilant
- Vesta-Syde® SQ Quaternary disinfectant

Please contact Kingspan Tech-eXchange for further details including compatibility with H₂O₂ and other chemicals.

Note: All trademarks are the property of STERIS.

Coatings

Kingspan CLEANsafe 15

A chemically inert polyester (PE) coating, applied to pre-treated metal, suitable for nonaggressive internal environments.

Kingspan CLEANsafe 25

A chemically inert polyester (PE) coating, applied to pre-treated metal, suitable for moderately aggressive internal environments.

Kingspan CLEANsafe 55

A chemically inert co-laminated polyethylene terephthalate (PET) film and polyester (PE) paint, applied to pre-treated metal, suitable for humid and chemically aggressive internal environments.

Kingspan CLEANsafe 120

A chemically inert polyvinyl chloride (PVC) film, laminated to pre-treated metal, suitable for internal for controlled environments. Joints between panels can be either caulked or chemically cold-welded.

Kingspan CLEANsafe Anti-Static 25

A chemically inert polyester (PE) coating with a surface resistivity of 1 to 300 x 10⁶Ω/square, applied to pre-treated metal, suitable for moderately aggressive internal environments.

Contact Details

UK, Ireland and the Rest of the World

Kingspan Limited

Greenfield Business Park No. 2
Greenfield | Holywell | Flintshire
North Wales | CH8 7GJ

T: +44 (0) 1352 716100

F: +44 (0) 1352 710161

www.kingspanpanels.co.uk/cleanroom-systems

Belgium, France and the Netherlands

Kingspan Limited

Treurnietstraat 10
8531 Harelbeke-Bavikhove
Belgium

T: +32 (0) 56 73 43 11

F: +32 (0) 56 73 43 22

www.kingspanpanels.co.uk/cleanroom-systems

For the product offering in other markets please contact your local sales representative or visit www.kingspanpanels.com

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