



ACOUSTICS

Fire and Acoustic Insulation Hoods



Fire protection and sound absorption when using Q Acoustics and Audica Install speakers can be achieved with the Q Acoustics Install Fire and Acoustic Hood range. Unlike most Fire Hoods available these have been tailor-made to fit all our In-ceiling and In-wall speaker models as listed below. The hoods maintain fire rating integrity of the ceiling to which they are fitted, thus enabling 30 minutes or 60 minutes of fire rating to be maintained.

They can also be used in areas that require good absorption of airborne and impact sound, such as businesses and shops below residential apartments and between floors of residential apartments.

Tested at the UK Building Test Centre and complies with Part B and Part E of UK building regulations - reports are available on request.

Woven Glass Fabric:

Thickness	0.40mm
Weight/m ²	430 g/m ²
Warp count	1360 d'tex
Finish	Starch weave lock

Sponge properties:

Physical form/appearance	Solid, voluminous material, more or less elastic.
Specific gravity	10-600 kg/m ³
Solubility in water	Insoluble
Odour	None or mild odour
Flash ignition point	Between 315°C to 370°C
Decomposition temperature	Above 180°C
Thermal energy	28 000 KJ/kg
Stability and reactivity	The product is stable at temperatures between -40c and +12°C
Auto-ignition point	Between 370°C to 427°C (ASTM D 1929)

Test Details:

Complies with Part B and Part E UK building regulations

	Integrity	Insulation
Trada FR 1739	240 mins	46 mins
BTC 10891F	88 mins	N/A

Stock Code	Model	Model External Dimensions	Compatibility
QI9150	Qi 50CF Fire & Acoustics Hoods Each	Dia. 270mm, Depth 100mm	Qi 50 & IC125
QI9160	Qi 65CF Fire & Acoustics Hoods Each	Dia. 290mm, Depth 100mm	Qi 65 & IC165
QI9180	Qi 80CF Fire & Acoustics Hoods Each	Dia. 320mm, Depth 110mm	Qi 80 & Qi 80 SUB models
QI9260	Qi 65RF Fire & Acoustics Hoods Each	Dim. 270mm x 350mm, Depth 100mm	Qi 65R
QI9280	Qi 80RF Fire & Acoustics Hoods Each	Dim. 320mm x 400mm, Depth 110mm	Qi 80R
QI9290	Qi 65LCRF Fire & Acoustics Hoods Each	Dim. 270mm x 540mm, Depth 110mm	Qi 80LCR