

Sobinco Silentbloc

Purpose made acoustic (sound attenuating) glazed-in ventilator



Interior

Exterior

For use on PVCu, timber or aluminium windows

Silentbloc is a thermally broken purpose made acoustic (sound attenuating) glazed-in aluminium ventilator that provides an Equivalent Area (EA) of 12500mm² per metre. The Silentbloc is available in made to

measure sizes in a variety of colours. Silentbloc is ideal for installation in commercial applications such as hospitals, schools and offices.



Silentbloc 5

Features and Benefits

- **Two versions available depending on acoustic requirement**
- **Supplied made to measure**
- **Thermally broken**
- **Suitable for fitting over the glass, above a transom or over the top of the window**
- **Suitable for various glass thicknesses**
- **Special colours available on request**
- **Different internal and external colour combinations possible**
- **Cord or rod operation also available**
- **Fascia detachable for cleaning**
- **Note to Specifiers – Silentbloc type ventilators are purposely designed to offer sound attenuating capabilities. Independent tests have demonstrated other smaller slot or glazed-in 'acoustic' ventilators do not give any significant improvement in the acoustic performance of a window complying with background ventilation requirements, compared to one using standard non-acoustic ventilators.**
- **When specified correctly complies with Building Regulations**

Manufactured from

Aluminium 6063 HIT T6, component parts PVCu, POM, PA6 & PP (UV Stable)

Standards

Tested in accordance with BS EN 13141-1:2004 (air flow, air leakage and weather tightness)

Acoustic performance tested in accordance with BS EN ISO20140-10:1992, BS EN ISO140-10:1991 and single figures to BS EN ISO717-1:1991.

Performance

(Full test details available on request)
 Equivalent Area (EA) (mm²) – Silentbloc 3 - 12500 per metre, Silentbloc 5 - 14000 per metre
 Free Area (mm²) - Silentbloc 3 - 20000 per metre, Silentbloc 5 - 20000 per metre
 Air Leakage (m³/hr @ 50Pa) -
 Silentbloc 3 - 2.65 @ 507mm overall length,
 Silentbloc 5 - 1.21 @ 507mm overall length
 Acoustic D_{n,e,w} (+/-) - vent open 40, vent closed 49 (Silentbloc 3; 1000mm overall length), vent open 43, vent closed 52 (Silentbloc 5; 1000mm overall length)

Finishes

Available on request

More information

enquiries@titon.co.uk / 01206 713801

