

Product Applications

<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Light Commercial	<input checked="" type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Conservation / Historic only	<input checked="" type="checkbox"/> Fire-Rated (see W40-FR)	<input checked="" type="checkbox"/> Enhanced Security (see W40-SBD)
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Window / Door Types



fixed light Side hung Top hung Bottom hung Horizontal pivot Vertical pivot Folding double Single door Double door
All side hinged casements and doors can open either inwards (open in) or outwards (open out).

Weather Performance

Window Type	Air (Pa)	Water (Pa)	Wind (Pa)	Exposure Cat (Pa)
Fixed light	Cl. 4	300	Cl. A5	2000
Top hung open out	Cl. 3	300	Cl. C5	2000
Side hung open out/in	Cl. 4	300	Cl. C5	2000
Bottom hung open in	Cl. 4	300	Cl. C5	2000
Horizontal pivot	Cl. 4	300	Cl. C5	2000
Vertical pivot	Cl. 2	150	Cl. C5	1200

To BS 6375-1:2009. See "Weather performance" for full details.

Permissible Sizes (mm)

Type	Length	Height	Perim.
Fixed light	300 - 3000	300 - 3000	9400
Top hung open out	300 - 2000	300 - 2000	6600
Side hung / folding leaf	300 - 1000	300 - 2400	6600
Bottom hung open in	300 - 2000	300 - 1600	6600
Horizontal pivot	400 - 1800	400 - 1800	6400
Vertical pivot (centre)	400 - 1500	400 - 2400	6500
Vertical pivot (1/3-2/3)	600 - 1200	400 - 2400	6500
Door leaf	475 - 1000	1500 - 2500	6600

See "Window / door types and permissible sizes" for full details.

Glazing

Method	Type	Side	Technology
<input checked="" type="checkbox"/> Putty	<input checked="" type="checkbox"/> Single	<input checked="" type="checkbox"/> Inside	<input checked="" type="checkbox"/> Solid bed
<input checked="" type="checkbox"/> Flush clip-in aluminium bead	<input checked="" type="checkbox"/> Double	<input checked="" type="checkbox"/> Outside	<input checked="" type="checkbox"/> Drained / ventilated
<input checked="" type="checkbox"/> Rectangular / square clip-on steel bead	<input checked="" type="checkbox"/> Triple		
	Thickness		
	24-26.8 mm		

See "Typical details" for full details.

Thermal Insulation

Building Regulations Document L (Conservation of Fuel and Power) Compliant

Combined frame and glass U values (U_w): 2.3 - 1.8 W/m²K U_w
Centre pane glass U values (U_g): 1.1 - 0.8 W/m²K U_g

For replacement windows in domestic or commercial buildings, extensions and most new buildings.
U value depends on reference window used, glass, gas fills etc.
See Thermal Insulation data sheet for full details.

Acoustic Insulation

Sound insulation of weatherstripped windows (approximate values averaged over a frequency range of 100 to 3150Hz)
28 - 30dB reduction (double glazed)
35 - 40dB reduction (with secondary window / 200mm cavity).

