

# Window Performance Matrix

Performance Data	Original Sash Window	Original Sash Window with VPSS	Design Standards likely to be asked for outside of conservation areas or listed buildings	Measures to meet Design Standards	Secondary Glazing + VPSS fitted to primary window												
U Value <i>(Whole Window Value)</i>	4.30 <i>(Single Pane Glass 5.78)</i>	4.29	2.0 <i>( Document L 2007 complete window U value)</i>	<i>Replacement Sashes Only</i> 4/16/4K Air Filled      1.92 4/12/4K Argon Filled      1.87	2.9  <i>(Secondary Glazing with single glazed secondary window +single glazed primary window-sealed)</i>												
WER <i>(BFRC Declared point rating)</i>	G  -276	G  -192	F                      E (-68 to -56)      (-50 to -32)	<i>Replacement Sashes Only</i> 4/16/4 Air Filled K      E      (-44) 4/12/4 Argon Filled K      E      (-44) <i>(BFRC Rated simulated Figures with warm spacers)</i>	No available data												
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ACPH <i>Typically Test House</i>	2.5 – 3.0 <i>(0.5)</i>	0.4	0.4-0.7 <sub>acph</sub> <i>Energy Council Best Practice figures</i>	0.4-0.7 <sub>acph</sub> <i>Energy Council Best Practice figures</i>	No available data												
Draught Proofing	NIL	BS 6375 Pt 1 Class 3 to 600Pa	BS 6375 Pt1 Class 2 to 300Pa	BS 6375 Pt 1 Class 3 to 600Pa <i>VPSS exceeds requirement</i>													
HIP/SAP	<i>Insufficient confirmed data</i>	<i>Insufficient confirmed data</i>	<i>Insufficient confirmed data</i>	<i>Insufficient confirmed data</i>	<i>Insufficient confirmed data</i>												