



Steel Window Association

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Building Regulations England & Wales Part L 2010 Energy conservation: demonstrating compliance

New Buildings ADL1a and ADL2a

Five step process:

- 1 Show BER = TER using SAP or SBEM
- 2 Specify fabric better than limiting values
- 3 Demonstrate measures to control solar gain
- 4 Show performance as built = BER, preferably using ACDs
- 5 Commission and inform users on operation.

For SAP or SBEM data entry, use window U-values and g-values from certified window energy rating or manufacturer's declaration. In absence of test data or calculated values, use Table 6e: very best double glazed Argon filled 16mm+ gas space super-soft coated low-e unit in metal frame without thermal break $U_w = 2.4$, triple glazed $U_w = 2.0$.

Existing Buildings ADL1b and ADL2b

U-values to be calculated using BR 443.

BCBs may accept a WER declaration from a certification scheme that provides a quality-assured process and supporting audit trail...

Competent persons scheme such as FENSA for self-certification of compliance will require quality assured independently verified data.

END