

**RESPONSIBILITY NOT RISK**

# Meeting the Mandatory Requirements "Does your window hardware comply?"



FENSA

**Mandatory Requirements - The Building Regulations (England & Wales)**  
 "...there is a legal presumption that if you have followed the guidance requirements, then this is evidence that your work has complied with building regulations." (Building Regulations explanatory handbook).

Building Control

Document B  
Fire Safety

**Building Regulation 7 - Performance Requirements**  
 "will be met... where materials are 'of a suitable nature and quality in relation to the purpose and conditions of their use.'"

Document N -  
Glazing safety impact,  
opening & cleaning

**British Standards and Technical Approvals**

**BS5588**  
Fire Precautions in the Design and Use of Buildings

**BS7950**  
Enhanced Security Performance for Windows

**Secured By Design (SBD)**

**BS7412: 2002**  
PVCu Windows Specification

**BS6375 Part 2**  
Performance of Windows Specification for operation and strength characteristics

**BS8213 Pt 1: 2004**  
Code of Practice for Safety in Use and Cleaning of Windows

**A**  
"Except for kitchens, all habitable rooms in the upper storey of a house should be provided with a window that complies with..."  
 "...unobstructed openable area that is at least 0.33m<sup>2</sup> and at least 450mm"

**B**  
"Mechanical Test - 3000 N x 1000 N for 10 seconds"  
3 minute Manual Intervention test

**C**  
• Hardware shall have at least the corrosion resistance of BS EN 1670 Class 3 (96 hrs)  
• In certain coastal or industrial environments austenitic stainless steel hardware ... is particularly suitable

**D**  
Test 6 - 'Restricted opening force 600 N for 5 seconds'  
Test 7 - 'Accidental loading of 1000 N for 1 minute'  
Test 5 - 'Jammed hinge test of 200 N minimum for 5 seconds'

**E**

- Gap between casement and frame should be at least 95mm for safe cleaning
- 'Safety restrictors should be fitted to opening lights of accessible windows where children and adults may be at risk ... to limit initial unobstructed movement to not more than 100mm'  
 "... unless a risk assessment identifies these are not considered necessary"
- 'Without a safe external approach the window should be designed such that both internal and external surfaces can be cleaned safely from inside'

| Achieving Compliance - Product Solution  | Criterion A | Criterion B | Criterion C | Criterion D | Criterion E |
|--|-------------|-------------|-------------|-------------|-------------|
| Austenitic Defender Hinge + ASD + Excluder or Defender Lock + Key Locking Handle                                       |             | ✓           | ✓           |             | ✓           |
| Austenitic Defender Restricted Hinge + ASD + Excluder or Defender Lock + Key Locking Handle                            |             | ✓           | ✓           | ✓           | ✓           |
| Austenitic Egress Easy Clean Hinge + Non Key Locking Handle  | ✓           |             | ✓           |             | ✓           |
| Austenitic Egress Easy Clean Hinge + ASD + Excluder or Defender Lock + Non Key Locking Handle                          | ✓           | ✓           | ✓           |             | ✓           |
| Austenitic Egress Easy Clean Hinge + ASD + Excluder or Defender Lock + Non Key Locking Handle + 'Intuitive Restrictor' | ✓           | ✓           | ✓           | ✓           | ✓           |



For additional free information contact:

Tel: +44 (0) 1242 221200

E-mail: info@securistyle.co.uk

Fax: +44 (0) 1242 520828

Website: www.securistyle.co.uk