

Testing Requirements for External Pedestrian Doorsets

The clauses shown in bold are considered to be minimum requirements for certification

BS 644 Clauses The clauses listed under BS 644 strictly refer to windows but will be adopted when the Standard is amended.				Relevant part of BS 6375 series These are the specific clauses relating to doorsets					
Clause	Heading	Sub-clause	Heading	Part	Clause	Additional information	Other referenced standards		
10	Security	10.1	Basic Security	3	5.13.1		BS 6375-3:2009 Annex A		
		10.2	Enhanced Security	3	5.13.2		PAS 24		
11	Safety in case of fire	11.1	Fire resistance	3	5.2.3		Test and classification	BS EN 14600	
		11.2	Reaction to fire	3	5.2.1	material of roof windows only and not applicable to doorsets	N/A	N/A	
							N/A	N/A	
12	Safety in use	12.1	Impact resistance (see below)	2	5.4		Test	BS EN 13049	
							Classification	BS 6375-2	
		12.2	Safety Devices (see below)	2	5.3	Load bearing capacity	Test	BS EN 14609	
							Performance level	BS EN 14351	
13	Weathertightness			1	6	Air permeability	Test	BS EN 1026	
							Classification	BS EN 12207	
						7	Watertightness	Test	BS EN 1027
								Classification	BS EN 12208
						8	Resistance to wind	Test	BS EN 12211
Classification	BES N 12210								
14	Operation and strength characteristics			2	6.2	Operating forces	Test	BS EN 12046-2	
							Classification	BS EN 12217	
					6.3.1	Vertical Load	Test	BS EN 947	
							Classification	BS EN 1192	
					6.3.2	Static Torsion	Test	BS EN 948	
							Classification	BS EN 1192	
					6.3.3	Soft and Heavy Body Impact	Test	BS EN 949	
							Classification	BS EN 1192	
					6.3.4	Hard Body Impact	Test	BS EN 950	
							Performance level	BS EN 1192	
6.4	Load Bearing Capacity of Safety Devices	Test	BS EN 948						
		Classification	BS EN 14351						
6.5	Resistance to repeated opening and closing	Test	BS EN 1191						
		Classification See Table 6 of BS 6375-2	BS EN 12400						
15	Hygiene, health and the environment		Ventilation device	N/A			Test	BS EN 13141-1	
							Classification	BS EN 13142	
16	Acoustic Performance			3	5.5		Tested	BS EN ISO 140-3	
							Evaluated	BS EN 717-1	
17	Energy conservation		Thermal Transmittance	3	5.6	Calculation method	General	BS EN ISO 10077-1	
							Numerical method	BS EN ISO 10077-2	
						Hot box method	Windows and doors	BS EN ISO 12567-1	
							Roof windows	BS EN ISO 12567-2	

