

ISO 3008-1:2025-06 (E)

Fire resistance tests - Door and shutter assemblies - Part 1: General requirements

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Test equipment	4
5	Test conditions	4
6	Test specimen	4
6.1	Size of specimen	4
6.2	Number of specimens	4
6.3	Design of specimen	4
6.4	Construction	5
6.5	Verification	5
7	Installation of test specimen	5
7.1	General	5
7.2	Supporting construction	5
7.3	Test construction	5
7.3.1	Associated and supporting construction	5
7.3.2	Associated construction	6
7.3.3	Supporting construction	6
7.3.4	Restraint on supporting construction	14
7.4	Gaps	15
8	Conditioning	19
8.1	Moisture content	19
8.2	Mechanical	19
9	Application of instrumentation	20
9.1	Temperature measurements	20
9.1.1	Furnace-temperature measuring instrument	20
9.1.2	Unexposed-face thermocouples	21
9.2	Maximum temperature	36
9.3	Temperature of door frame	37
9.4	Pressure measurements	37
9.5	Heat-flux measurement	38
9.5.1	General	38
9.5.2	Apparatus	38
9.5.3	Procedure	38
9.5.4	Measurement	39
9.6	Deflection	39
10	Test procedure	43
11	Performance criteria	44
11.1	Integrity	44
11.2	Insulation	45
12	Test report	45
13	Field of direct application of test results	45
13.1	General	45

13.2	Timber constructions.....	46
13.3	Steel constructions.....	46
13.4	Glazed constructions.....	46
13.5	Fixings/hardware.....	46
Annex A (normative) Conditioning requirements for supporting constructions.....		48
Annex B (informative) Estimation of radiant heat flux using measured surface temperature and the Stefan-Boltzmann law.....		49
Annex C (normative) Testing of fire seals between the door frame and the supporting construction.....		51
Bibliography.....		52