

ISO/TS 23657:2022-12 (E)

Reaction to fire test for sandwich panel building systems - Intermediate-scale box test

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Types of systems	2
5.1	General	2
5.2	Type A: frame-supported structures	2
5.3	Type B: free-standing structures	2
6	Test specimen	2
7	Test method	2
7.1	Constructing the test specimen (box-shaped)	2
7.2	Constructing the enclosure around the test specimen	5
7.2.1	General	5
7.2.2	The walls and ceiling of the enclosure	5
7.2.3	The floor of the enclosure	5
8	Ignition source	7
8.1	Structure	7
8.2	Position	7
8.3	Burner power output	7
9	Instrumentation	7
9.1	Thermocouples	7
9.2	Additional equipment	9
9.2.1	Data recorder	9
9.2.2	Timing device	9
9.2.3	Heat and smoke release measurement	9
10	Test procedure	9
10.1	Initial conditions	9
10.2	Test	9
11	Precision	10
12	Test report	10
Annex A (informative) Examples of specimen drawings		12
Bibliography		14