

DIN EN ISO 9239-1:2025-10 (E)

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO 9239-1:2025)

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		2
4 Principle		3
5 Apparatus		3
5.1 General.....		3
5.2 Test chamber.....		3
5.3 Specimen holder.....		3
5.4 Sliding platform.....		3
5.5 Steel scale.....		4
5.6 Gas-fired radiant panel.....		4
5.7 Pilot burner.....		4
5.8 Exhaust system.....		4
5.9 Anemometer.....		4
5.10 Radiation pyrometer.....		4
5.11 Thermocouples.....		5
5.12 Heat flux meter.....		5
5.13 Dummy specimen.....		5
5.14 Recording equipment.....		5
5.15 Timing device.....		5
5.16 Smoke measurements.....		5
6 Test specimens		5
6.1 General and number.....		5
6.2 Substrates.....		6
6.3 Adhesives.....		6
6.4 Underlay.....		6
6.5 Tiles.....		6
6.6 Loose laid flooring.....		6
6.7 Washing and cleaning.....		6
6.8 Formal test.....		6
7 Conditioning		7
8 Test procedure		7
8.1 Calibration procedure.....		7
8.2 Standard test procedure.....		8
9 Expression of results		9
10 Test report		9
Annex A (normative) Smoke measurement		20
Annex B (informative) Precision of test method		23
Annex C (normative) Gas and air supplies		24
Annex D (informative) Template report format for this document		25
Bibliography		30