

DIN EN 1366-4:2006-08 (E)

Fire resistance tests for service installations - Part 4: Linear joint seals

Contents		Page
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Test equipment	7
5	Test conditions	7
5.1	Heating conditions	7
5.2	Pressure conditions	7
6	Test specimen	7
6.1	General	7
6.2	Size	8
6.3	Number of test specimens	8
7	Installation of test specimen	8
7.1	General	8
7.2	Supporting construction	8
7.2.1	General	8
7.2.2	Standard supporting construction	8
7.3	Test construction	9
7.4	Splice locations	9
7.5	Induced movement	10
8	Conditioning	10
9	Application of instrumentation	10
9.1	General	10
9.2	Thermocouples	10
9.2.1	Furnace thermocouples	10
9.2.2	Unexposed face thermocouples	10
9.2.3	Roving thermocouple	11
9.3	Deformation and deflection	11
9.4	Integrity measurement	11
10	Test procedure	11
10.1	General	11
10.2	Installation of test construction	11
10.3	Mechanically induced movement of the test specimen	11
10.4	Measurements and observations	11
11	Performance criteria	12
11.1	Insulation	12
11.2	Integrity	12
11.3	Expression of results	12

12	Test report	12
13	Field of direct application of test results	12
13.1	Orientation	12
13.2	Supporting construction	13
13.3	Seal position	14
13.4	Mechanically induced movement	14
Annex A (normative) Standard condition for linear joint seals with no mechanically induced movement of the joint faces		27
A.1	Standard condition	27
A.2	Test procedure	27
Annex B (normative) Standard condition for linear joint seals with mechanically induced movement of the joint faces		28
B.1	General	28
B.2	Standard condition(s)	28
B.2.1	Standard conditions for lateral movement	28
B.2.2	Standard condition for shear movement	28
B.3	Conditions for other movements	29
Annex C (informative) Guidance on the use of this European Standard		32
C.1	General	32
C.2	Application of the test	32
C.3	Test conditions	32
C.4	Specimen preparation	33
C.5	Notes on general performance criteria	33
C.6	Notes on validity of test results	33
C.7	Notes on Annex B	33