

DIN EN 15269-20:2021-03 (E)

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 20: Smoke control for doors, shutters, operable fabric curtains and openable windows

Contents		Page
European foreword		3
Introduction		5
1	Scope	6
2	Normative references	7
3	Terms and definitions	8
4	Determination of the field of extended application	9
4.1	General	9
4.2	Procedure for evaluation	9
4.3	Procedure for maximum field of extended application	10
4.4	Interpretation of test results	10
5	Extended application report	11
6	Classification report	11
Annex A (normative) Construction parameter variations		12
Annex B (normative) Arrangements for hinged and pivoted doorsets incorporating side and/or overpanels		176
Annex C (normative) Calculation methods		183
Annex D (normative) Stress calculation method for metal rolling shutter and fabric curtain assemblies		185
Annex E (informative) Examples for stress calculations for load-bearing components of metal rolling shutter and fabric curtain assemblies		186
E.1	Barrel calculations	186
E.2	Barrel support bracket calculations	187
E.3	Axle calculations	189
E.4	Endplate calculations	190