

DIN EN 1443:2019-07 (E)

Chimneys - General requirements

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Product characteristics	11
4.1	General	11
4.2	Classes	12
4.2.1	Temperature classes	12
4.2.2	Pressure classes	15
4.2.3	Condensate resistance classes	15
4.2.4	Corrosion resistance classes	16
4.2.5	Sootfire resistance classes	17
4.2.6	Distance to combustible material	18
4.3	Further information	20
4.3.1	Reaction to fire	20
4.3.2	Fire resistance external to external	20
4.3.3	Thermal resistance	21
4.3.4	Flow resistance	21
4.3.5	Freeze-thaw resistance	21
4.4	Other requirements	21
4.4.1	Mechanical resistance and stability	21
4.4.2	Safety in use	22
4.4.3	Dangerous substances	22
4.5	Functional characteristics of accessories	23
5	Testing, assessment and sampling methods	23
6	Assessment and verification of constancy of Performance (AVCP)	23
7	Classification and designation	23
8	Marking, labelling and instruction	23
8.1	General	23
8.2	Chimney component	23
8.3	Chimney plate	24
8.4	Product information	24
Annex A (informative) Link between basic requirements and characteristics for chimneys, flue liners, connecting flue pipes, components and accessories		25
Annex B (informative) Relation between the type of test construction of walls and floors and their thicknesses, R- and U-values		28
Annex C (informative) Examples of DoPs		30
Bibliography		43