

DIN EN 15287-1:2010-12 (E)

Chimneys - Design, installation and commissioning of chimneys - Part 1: Chimneys for non-roomsealed heating appliances (includes Amendment A1:2010)

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Design	11
5 Installation	25
6 Commissioning/handover	26
Annex A (informative) Determination of the chimney designation for custom-built and relined chimneys	27
Annex B (informative) List of heating appliance data required for the design of a chimney	39
Annex C (informative) Example of a chimney designation	40
Annex D (informative) Correlation between designation parameters for clay/ceramic flue liners and clay/ceramic flue blocks and concrete flue liners and concrete flue blocks	41
Annex E (informative) Designation of metal system chimneys and correlation between metal liner material specification and corrosion load in Member States (MS)	43
Annex F (informative) Example of typical building structure designed to assist exchange of information	49
Annex G (informative) Examples of a chimney plate	52
Annex H (normative) Determination of a chimney designation for an installed metal system chimney	53
Annex I (informative) Example for the determination of the designation of a relined chimney using a metal flue liner	54
Annex J (informative) Example for the determination of the designation of a custom-built chimney using a clay/ceramic flue liner	60
Annex K (normative) Determination of the designation for an installed metal connecting flue pipe ..	65
Annex L (informative) Recommendations for inspection, cleaning and maintenance	66
Annex M (informative) Location of the chimney outlet	67
Annex N (informative) Calculating the temperature of adjacent material	71

Annex O (informative) Chimney commissioning	74
Annex P (informative) Useful hints for checking, handling and site storage of materials and components	77
Bibliography	79