

DIN EN 14308:2013-04 (E)

Thermal insulation products for building equipment and industrial installations -
Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR)
products - Specification (includes Amendment A1:2013)

Contents	Page
Foreword	4
1 Scope	6
2 Normative references	6
3 Terms, definitions, symbols, units and abbreviated terms	7
4 Requirements	11
5 Test methods	17
6 Designation code	20
7 Evaluation of conformity	21
8 Marking and labelling	22
Annex A (normative) Factory production control	23
Annex B (normative) Determination of minimum service temperature	27
Annex C (normative) Determination of the aged value of thermal conductivity and thermal resistance	33
Annex D (informative) Additional properties	41
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	43
Bibliography	51
Figures Figure B.1 -- Dimensions of test specimens	32
Figure C.1 -- Flow chart of the alternative ageing procedures	34
Figure ZA.1 -- Example of CE marking information	50
Tables Table 1 -- Dimensional tolerances	12
Table 2 -- Levels for dimensional stability	13
Table 3 -- Levels for compressive stress or compressive strength	15
Table 4 -- Test methods, test specimens and conditions	18
Table A.1 -- Minimum product testing frequencies	23
Table A.2 -- Minimum product testing frequencies for the reaction to fire characteristics	25

Table C.1 -- Increments for calculating the aged value of thermal conductivity	36
Table C.2 -- Increments for calculating the aged value of thermal conductivity $T_{mean} = - 120\text{ }^{\circ}\text{C}$	36
Table C.3 -- Increments for calculating the aged value of thermal conductivity $T_{mean} = + 10\text{ }^{\circ}\text{C}$	37
Table C.4 -- Increments for calculating the aged value of thermal conductivity $T_{mean} = + 120\text{ }^{\circ}\text{C}$	37
Table C.5 -- Safety increments to be added to the measured accelerated aged value of thermal conductivity	39
Table D.1 -- Test methods, test specimens, conditions and minimum testing frequencies	42
Table ZA.1 -- Relevant clauses	44
Table ZA.2 -- System(s) of attestation of conformity	45
Table ZA.3 -- Assignment of evaluation of conformity tasks for products under system 1	46
Table ZA.4 -- Assignment of evaluation of conformity tasks for products under system 3 or system 3 combined with system 4 for reaction to fire	47