

DIN EN 14314:2010-03 (E)

Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products - Specification

Contents	Page
Foreword	4
1 Scope	6
2 Normative references	6
3 Terms, definitions, symbols, units and abbreviated terms	8
4 Requirements	10
5 Test methods	17
6 Designation code	20
7 Evaluation of conformity	21
8 Marking and labelling	21
Annex A (normative) Factory production control	23
Annex B (normative) Determination of the aged value of thermal conductivity	26
Annex D (informative) Additional properties	36
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	38
Bibliography	46
Figures Figure C.1 -- Dimensions of test specimens (mm)	35
Figure ZA.1 -- Example of CE marking information	45
Tables Table 1 -- Dimensional tolerances	12
Table 2 -- Tolerances for deviation from flatness	13
Table 3 -- Levels for compressive stress or compressive strength	15
Table 4 -- Levels of short term water absorption by partial immersion	16
Table 5 -- Levels for long term water absorption by partial immersion	17
Table 6 -- 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
Annex C (normative) Determination of minimum service temperature	30

Table B.1 -- Increments to be added to accelerated aged values of thermal conductivity to obtain the time averaged value over 25 years	28
Table D.1 -- Test methods, test specimens, conditions and minimum testing frequencies	37
Table ZA.1 -- Relevant clauses	39
Table ZA.2 -- System(s) of attestation of conformity	40
Table ZA.3 -- Assignment of evaluation of conformity tasks for products under system 1	41
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	42