DIN EN 16809-1:2020-02 (E)

Thermal insulation products of buildings - In-situ formed products from loose-fill expanded polystyrene (EP S) beads and bonded expanded polystyrene beads - Part 1: Specification for the b onded and loose-fill products before installation

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms, definitions, symbols and abbreviations 5

4 Requirements 7

5 Test methods 9

6 Designation code 11

7 Assessment and verification of the constancy of performance 11

8 Marking and labelling 12

Annex A (normative) Determination of the declared values of thermal resistance and thermal conductivity 13

Annex B (normative) Product type determination (PTD) and factory production control (FPC) 16
Annex C (normative) Specimen preparation method for thermal resistance and thermal conductivity test 20

Annex D (normative) Preparing samples for testing for reaction to fire of products 23

Annex E (normative) Specimen preparation method for water absorption test and water vapour diffusion resistance test 24

Annex F (normative) Specimen preparation method for density measurement 25

Annex G (normative) Determination of settlement for EPS loose-fill product 26

Annex H (informative) Masonry cavity walls - Method for determining suitable spacings for blowing holes 28

Bibliography 30