

# 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 bonded and loose-fill products before installation

---

<b>Contents</b>	<b>Page</b>
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