



DECLARATION OF PERFORMANCE

0046_Schüttdämmstoff Estroperl_015_12012021

1. Unique identification code of product-type:

Thermal insulation fill from expanded perlite, Estroperl

2. Intended use/es:

Water-repellent thermal insulation fill made of expanded perlite for interior insulation of ceilings or floor slabs (top side) under screed without sound insulation requirement

3. Manufacturer:

**Knauf Performance Materials GmbH
Kipperstraße 19
D-44147 Dortmund
Tel.: (0231) 99 80 01
Fax.: (0231) 99 80 138
www.knauf-performance-materials.com**

4. Authorised representative:

not applicable

5. System/s of AVCP:

System 3 and for reaction to fire System 4

6a. Harmonised standard:

not applicable

Notified body/ies:

not applicable

6b. European Assessment Document:

EAD 040461-00-1201: Mai 2018

European Technical Assessment:

ETA-18/0452: Jan 2021

Technical Assessment Body:

Deutsches Institut für Bautechnik - DIBt

Notified body/ies:

not applicable

7. Declared performance/s:

Essential characteristics	Performance	Harmonised standard
Bulk density	90 kg/m ³ (± 15 %) (not in compressed state)	EN 1097-3:1998
Water vapour diffusion resistance factor	$\mu = 3$	EN 14316-1:2004
Compressive stress at 10% deformation	≥ 130 kPa	Test acc. to EN 826:2013
Reaction to fire	Class A1	Acc. to Decision 1996/603/EC (as amended) in connection with Delegated Regulation (EU) 2016/364
Declared value of thermal conductivity $\lambda_{D(23/50)}$	0,050 W/(mK) (in compressed state)	EN 12667:2001 acc. to EN 14316-1:2004
Water repellency	≥ 175 ml	Test acc. to EN 14316-1:2004

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The MPA NRW, Marsbruchstraße 186, 44287 Dortmund, notified body 0432 has carried out the initial test and issued the test report 420002724-18-TT-01 dated 12.03.2018. The ongoing monitoring according to system 3 is carried out by the manufacturer.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Benno Böhm
General Manager

Dortmund, 12.01.2021

(Place and date of issue)

(Signature)

**KNAUF PERFORMANCE
MATERIALS GmbH**
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44147 Dortmund