



DECLARATION OF PERFORMANCE

0057_Perlite Dämmplatte EPB_010_22012021

1. Unique identification code of product type:

**Thermal Insulation board made of expanded perlite, deviating from EN 13169,
Rotkalk in-Board Laibung TecTem**

2. Intended use/es:

Thermal Insulation board made of expanded perlite used for interior insulation of walls and ceilings

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 additional system 1 for reaction to fire

6a. Harmonised standard:

not applicable

Notified body/ies:

not applicable

6b. European Assessment Document:

EAD 040010-00-1201: Feb. 2018

European Technical Assessment:

ETA-12/0573: Jan. 2021

Technical Assessment Body:

Deutsches Institut für Bautechnik - DIBt

Notified body/ies:

MPA NRW, Marsbruchstraße 186, 44287 Dortmund, notified body 0432

7. Declared performance/s:

Essential characteristics	Performance	Harmonised standard
Nominal thickness	25 ±1mm	EN 823
Nominal length	625 ±3mm	EN 822
Nominal width	309 ±3mm	EN 822
Flatness	3 mm	EN 825
Squareness	≤ 3 mm/m	EN 824
Bulk density	130 - 150 kg/m ³	EN 1602
Water vapour diffusion resistance coefficient	μ= 5 to 6	EN 12086
Sound absorption	NPD	
Compressive creep	NPD	
Point load	NPD	
Tensile strength	≥ 120 kPa	EN 1607
Compressive strength	≥ 300 kPa, CS(10\Y)300	EN 826
Bending strength	≥ 200 kPa	EN 12089
Dimensional stability under specific temperature and humidity conditions	max. ± 0,5 % (23°C, 90% rel. humidity and 70°C, 50% rel. humidity)	EN 1604
Deformation under specific load and temperature conditions	≤ 5 %, DLT(3)5	EN 1605
Reaction to fire	Class A1	EN 13501-1:2007+A1:2009
Nominal value of thermal conductivity λ _{D(23/50)}	0,055 W/(mK)	EN 12667:2001 in accordance with to EN 13169:2012+A1:2015

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

The notified body MPA NRW, Marsbruchstraße 186, 44287 Dortmund, Germany, notified body 0432, has carried out the initial test according to system 3 resp.1 for the reaction to fire and issued the test report 420002073 08-01a dated 22.05.2009, as well as the classification report 230006673-3 of the reaction to fire dated 13.10.2008.

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, 22.01.2021

(place and date of issue)

(signature)

KNAUF PERFORMANCE
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