



DECLARATION OF PERFORMANCE

No. KAQ_0436, dated 24.06.2019

1. Unique identification code of the product-type: **AQUAPANEL® Levelling Fill - LF_89754_012**
2. Intended use/es: **Interior thermal insulation of ceilings or floor slabs (on the top) beneath screeds without protection against noise**
3. Manufacturer: **Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D - 58638 Iserlohn**
Tel.: +49 2374 5036-0, Fax: +49 2374 5036-300, E-Mail: aquapanel.info@knauf.com
4. Authorised representative: not applicable
5. System/s of AVCP: **System 3**
6. a) Harmonised standard: not applicable
Notified body/ies: not applicable
6. b) European Assessment Document: not applicable
European Technical Assessment: **ETA-17/1024** of 17.12.2018
Technical Assessment Body: Deutsches Institut für Bautechnik DIBt
Notified body/ies: not applicable
7. Declared performance/s:

| Safety in case of fire (BWR 2) | |
|--|--|
| Reaction to fire | Class E acc. to EN 13501-1:2007+A1:2009 |
| Determination of the organic content, test acc. to EN 13820 (determination of combustion loss) | No performance assessed |
| Hygiene, health and the environment (BWR 3) | |
| Content, emission and/or release of dangerous substances | |
| Substance/s classified as EU Kat. Carc. 1A and/or 1B | The product does not contain these dangerous substances actively used. However, the product may contain PAH and B[a]P as residues (see below). |
| Substance/s classified as EU Kat. Muta. 1A and/or 1B | |
| Substance/s classified as EU-Kat. Acute Tox. 1, 2 and/or 3; Repr. 1A and/or 1B; STOT SE 1 and/or STOT RE 1 | |
| PAK und / and / et B[a]P | The content of these residues was tested in the raw material: PAH < 50 mg/kg B[a]P < 5 mg/kg |

AQUAPANEL®

| Energy economy and heat retention (BWR 6) | |
|--|--|
| Thermal conductivity (in the compressed state) test acc. to EN 12667:2001, acc. to EN 14316-1:2004 | Declared value of thermal conductivity $\lambda_D (23/50) = 0,058 \text{ W}/(\text{m}^*\text{K})$ |
| Loose bulk density (in the uncompressed state) Test acc. to EN 1097-3:1998 | 132 kg/m ³ to 197 kg/m ³ |
| Particle size distribution | No performance assessed |
| Water repellency | No performance assessed |
| Crushing resistance | No performance assessed |
| Water vapour diffusion resistance factor acc. to EN 14316-1:2004 | $\mu = 3$ |
| Settlement | No performance assessed |
| Compressive stress at 10% deformation test acc. To EN 826:2013 | $\geq 90 \text{ kPa}$ |

8. Appropriate Technical Documentation and/or Specific Technical Documentation: not applicable

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:

Claus Ripken
General Manager

Iserlohn, 26.06.2019