

In accordance to Annex III of Regulation (EU) Nr. 305/2011

Declaration of performance No. Identification code of the product-type

LE-H51134-04 **ALUPLAN RADON ALKV E 50 K/D**
Purpose

- Basement waterproofing systems against soil moisture
- Vapour control layer (Radon barrier)

Name, contact producer

BÜSSCHER & HOFFMANN GmbH

A-4470 (AT) Fabrikstraße 2

Tel.: +43 7223 823 23 0

Web: www.bueho.com

E-Mail: office@bueho.at

Systems of assessment and verification of constancy of performance

| | |
|----------------------------|--|
| system2+ | EN 13969:2004 + A1:2006 |
| system3 | EN 13970:2004+A1:2006 |
| Harmonized standard | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |

Declared performance

| Essential characteristics | Performance | Harmonized technical specification |
|--|--------------------------------|--|
| Watertightness | 400 kPa | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Reaction to fire test | E | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Shear resistance of joints | ≥ 500 N/50mm | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Tensile force long./trans. | 1000/800 (±200/±100) N/50mm | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Elongation at single-end breaking force | 50/50 (±10/±10) % | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Resistance to impact | NPD | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Resistance to static loading | NPD | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Resistance to tearing (nail shank) long./trans. | 220/220 (±50/±50) N | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Flexibility at low temperatures | -15 °C | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |
| Watertightness transmission after artificial aging | 100 kPa | EN 13969:2004 + A1:2006 |
| Water vapour transmission | > 1500 m Sd | EN 13970:2004+A1:2006 |
| Water vapour transmission after artificial aging | > 1500 m Sd | EN 13970:2004+A1:2006 |
| Water vapour transmission after exposure to liquid chemicals | NPD | EN 13970:2004+A1:2006 |
| Hazardous substances | Keine | EN 13969:2004 + A1:2006 EN 13970:2004+A1:2006 |

The performance of the product is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by

A handwritten signature in black ink, appearing to read 'Karl Landl', written in a cursive style.

Bmstr. Dipl. Ing. Karl Landl
General Manager

[a] This declaration of performance is available in copy at the website of the producer

[b] Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method.