

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

Declaration of performance No. **Identification code of the product-type****LE-H51033-04** **BARUPLAN KV E 45 K****Purpose**

- Cap sheet of bituminous roofing systems with heavy surface protection
- Base or intermediate layer of bituminous roofing systems
- Basement waterproofing systems against soil moisture and water

Name, contact producer

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Systems of assessment and verification of constancy of performance

system2+

EN 13707:2004 + A2:2009

EN 13707:2004 + A2:2009

EN 13969 (Typ A+T):2004 + A1:2006

Harmonized standard

EN 13707:2004 + A2:2009

EN 13969 (Typ A+T):2004 + A1:2006

Notified body1139 **WIEN-ZERT** Rinnböckstraße 15 , A-1110 Wien**Certificate of conformity**

1139-CPR-0027/06

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Watertightness	400 kPa	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
External fire exposure	NPD	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009
Reaction to fire test	E	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Shear resistance of joints	≥ 500 N/50mm	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Tensile force long./trans.	1000/800 (±200/±100) N/50mm	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Elongation at single-end breaking force	50/50 (±10/±10) %	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006

Essential characteristics	Performance	Harmonized technical specification
Resistance to impact	NPD	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Resistance to static loading	NPD	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Resistance to tearing (nail shank) long./trans.	220/220 (±50/±50) N	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Flexibility at low temperatures	-20 °C	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Watertightness transmission after artificial aging	400 kPa	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Watertightness after exposure to liquid chemicals	NPD	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):2004 + A1:2006
Hazardous substances	None	EN 13707:2004 + A2:2009 EN 13707:2004 + A2:2009 EN 13969 (Typ A+T):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



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.