



KEIM Mycal®-Lava

## DECLARATION OF PERFORMANCE

Number of the declaration of performance and unique identification code of the product-type  
**NR 03 2008**

Intended use  
**Thermal insulation board made of expanded perlite for internal insulation  
of walls and ceilings**

Manufacturer  
**KEIMFARBEN GMBH, Keimstraße 16, D-86420 Diedorf**

System of AVCP  
**System 3 and System 1 (fire behaviour)**

Harmonised standard  
**not applicable**

European assessment document  
**ETA-15/0004 from October 05, 2017**

Notified body  
**MPA NRW, Marsbruchstraße 186, 44287 Dortmund, Kennziffer 0432**  
has carried out the initial inspection of the product with regard to system 3 or 1 and has issued the following:  
**Test report 420001768 06-01 from January 23, 2006, Classification report on fire behavior 420001768 06-01/B-02 from  
May 05, 2006 and Certificate of constancy of performance 0432-CPR-00496-04 from August 29, 2018**

Declared performance

Essential Features	Performance	Harmonized technical specification
(nominal) length	625 mm	EN 822
(nominal) width	416 mm	EN 822
(nominal) thickness	50, 60, 80, 100, 120, 140, 160, 180, 200 mm	EN 823
right angularity	≤ 3 mm/m	EN 824
evenness	NPD	
Bulk density area	90 - 105 kg/m <sup>3</sup>	EN 1602
Sound absorption level $\alpha$ W	NPD	

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Registergericht Augsburg HRB 27263  
Geschäftsführer: Rüdiger Lugert



creep behaviour	NPD	
point loading concentrated load	NPD	
Tensile strength perpendicular to the plate plane	$\geq 80$ kPa	EN 1607
Compressive strength	CS(10/Y)200	EN 826
Bending tensile strength	$\geq 120$ kPa	EN 12098
Nominal value of thermal conductivity $\lambda_D$ (at 23 ° C and 50% relative humidity)	$\lambda_0 = 0,045$ W/mK (50 -100 mm) $\lambda_0 = 0,044$ W/mK (120 - 200 mm)	EN 12667
Water vapor diffusion resistance number $\mu$	5 - 6	EN 12086
Fire behavior	A1	EN 13501-1
Deformation under pressure and temperature stress	DLT(3)5	EN 1605
Dimensional stability under defined temperature and humidity conditions	70 °C/90%: max. $\pm 0,5\%$	EN 1604

The performance of the product identified above is in conformity with the set of declared performance. 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:

Florian Guder, Productmanager ETICS

Diedorf, 25.06.2019

p. p. Florian Guder

Appendix  
no appendix