



KEIM Mycal®-Lava

DECLARATION OF PERFORMANCE

Number of the declaration of performance and unique identification code of the product-type
NR 03 2007

Intended use
**Thermal insulation board made of expanded perlite for insulation
of interior walls**

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-12/0573 from october 13, 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
eveness	NPD	
Bulk density area	90 - 105 kg/m ³	EN 1602
Sound absorption level α 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	$\geq 80 \text{ kPa}$	EN 1607
Compressive strength	CS(10/Y)200	EN 826
Bending tensile strength	$\geq 120 \text{ kPa}$	EN 12098
Nominal value of thermal conductivity λ_D (at 23 ° C and 50% relative humidity)	$\lambda_0 = 0,045 \text{ W/mK (50 -100 mm)}$ $\lambda_0 = 0,044 \text{ W/mK (120 - 200 mm)}$	EN 12667
Water vapor diffusion resistance number μ	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