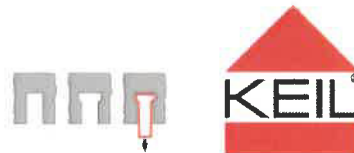




Declaration of Performance

DoP no. 0793-CPR-8.1-6



1. Unique Identification code of the product-type: **HI-MACS-Undercut Anchor for HI-MACS facade panels type: S728 CE MED Alpine White**
2. Type number: **KH 8,5**
3. Intended use or uses of the construction product: **Fastener for the rear fixing for facade panels made of natural acrylic stone**
4. Manufacturer: **LG Hausys Europe GmbH, Lyoner Straße 15, 60528 Frankfurt/Main, GERMANY**
5. Authorised representative: -
6. System or systems of assessment and verification of constancy of performance: **System 2+**
7. Harmonised Standard: -
8. European evaluation document: **EAD 330030-00-0601**
European Technical Assessment: **ETA-12/0583**
Technical Assessment Body: **DIBt**
Notified Body: **0793 – Güteschutz Beton**

9. Declared Performance:

Mechanical resistance and stability (BWR 1)

Essential characteristic	Performance
Characteristic resistance for tension and shear loads	See Annex C 1
Fastener distances	See Annex C 1
Durability	Corrosion Resistance Class (CRC) III according to EN 1993-1-4:2015

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Class A 1
Resistance to fire	No performance assessed

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

KEIL Befestigungstechnik GmbH
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Christian Schmidt
Managing Director
Engelskirchen, 10.10.2019

KEIL Befestigungstechnik GmbH
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Dipl.-Ing. Georg Miebach
Product Manager

Characteristic values of the fastener in HI-MACS façade panel type: S728 CE MED Alpine White

Table C1:

embedment depth	$h_s =$	[mm]	8,5
characteristic resistance to	tension load	$N_{Rk} =$	1,8
	shear load	$V_{Rk} =$	4,1
		[kN]	
edge distance	$a_r \geq$	[mm]	100
spacing	$a \geq$	[mm]	100

HI-MACS-Undercut Anchor for HI-MACS facade panels type: S728 CE MED Alpine White

Performance

Characteristic values of the fastener in HI-MACS façade panel type: S728 CE MED Alpine White

Annex C 1