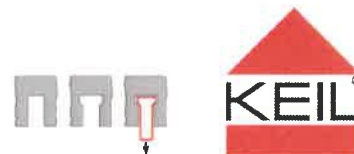




Declaration of Performance

DoP no. 0793-CPR-8.1-16



1. Unique Identification code of the product-type: **Swisspearl-undercut anchor KEIL for Swisspearl-façade panels of Eternit (Swiss) SA**
2. Type number: **KH 8**
3. Intended use or uses of the construction product: **Fastener for the rear fixing of facade panels made of fibre cement flat sheets according to EN 12467:2012+A1:2016**
4. Manufacturer: **Eternit (Schweiz) AG, Eternitstraße 3, 8867 Niederurnen, SWITZERLAND**
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-17/0536**
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 load	See Annex C 1
Anchor distances and dimensions of members	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 of fire	Class A1
Resistance of 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

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Dipl.-Ing. Georg Miebach
Product Manager

Characteristic values of the anchor in Swisspearl façade panel of Eternit (Suisse) SA according Table B 1

Table C1

Cement-base of the façade panel				white	grey
Embedment depth	$h_s =$	[mm]		8	
Characteristic resistance	tension load	$N_{Rk} =$	[kN]	1,03	1,27
	shear load	$V_{Rk} =$	[kN]	2,93	2,77
Edge distance	$a_r \geq$	[mm]		50	
Spacing	a	[mm]		$100 \leq a \leq 800$	
Spacing double agraffe	$a_D \geq$	[mm]		45	

Swisspearl undercut anchor KEIL for façade panel Swisspearl of Eternit (Suisse) SA

Performance

Characteristic values of the anchor in Swisspearl façade panel of Eternit (Suisse) SA

Annex C 1