



## Declaration of Performance

DoP no. 0793-CPR-8.1-12



1. Unique Identification code of the product-type: **FibreCem-undercut anchor KEIL for FibreCem-facade panels**
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**
4. Manufacturer: **FibreCem Deutschland GmbH, Lohmener Straße 15, 01833 Porschendorf, 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-16/0097**  
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 spacing                         | See Annex C 1 |

**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**

Olpener Str. 12a | 51766 Engelskirchen  
www.keil.pro

**Christian Schmidt**

Managing Director

Engelskirchen, 10.10.2019

**KEIL Befestigungstechnik GmbH**

Olpener Str. 12a | 51766 Engelskirchen  
www.keil.pro

**Dipl.-Ing. Georg Miebach**

Product Manager

**Characteristic values of the anchor in FibreCem facade panel according Table B 1**

Table C1

|                           |              |            |                       |
|---------------------------|--------------|------------|-----------------------|
| Embedment depth           | $h_s =$      | [mm]       | 8                     |
| Characteristic resistance | tension load | $N_{Rk} =$ | [kN]                  |
|                           | shear load   | $V_{Rk} =$ | [kN]                  |
| Edge distance             | $a_r \geq$   | [mm]       | 50                    |
| Spacing                   | $a$          | [mm]       | $100 \leq a \leq 700$ |
| Spacing double agraffe    | $a_D \geq$   | [mm]       | 45                    |

FibreCem-undercut anchor Keil for FibreCem-facade panels

**Performance**

Characteristic values of the anchor in FibreCem facade panel

Annex C 1