

## **DECLARATION OF PERFORMANCE**

**No. LE\_0904520801\_02\_M\_W-FAZ**

**This is an English translation of the original German wording.  
In cases of doubt, the German version applies**

1. Unique identification code of the product:

**Würth W-FAZ and W-FAZ-IG fixing anchor**

**090452\* ; 090453\* ; 09046\* ; 090470\* ; 090471\* ; 090480\* ; 090481\* ; 5928\***  
**except for the following articles:**  
**0904710001; 0904710002; 09047410003; 09046; 090460**

2. Type, batch, or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**Batch number: see packaging**

3. Intended use(s):

<b>Product type</b>	torque-controlled spreading anchor (bolt type [with female thread])
<b>For use in</b>	cracked and uncracked concrete C20/25–C60/60 (EN 206)
<b>Load</b>	static or quasi-static, seismic, category C1+C2 (included sizes W-FAZ M10, M12, M16, M20)
<b>Material</b>	<u>galvanized steel</u> : in dry interior rooms only included sizes: W-FAZ: M8, M10, M12, M16, M20, M24, M27 W-FAZ-IG: M6, M8, M10, M12 <u>stainless steel (grade A4)</u> : for indoors and outdoors without particularly aggressive conditions included sizes: W-FAZ: M8, M10, M12, M16, M20, M24 W-FAZ-IG: M6, M8, M10, M12 <u>highly corrosion-resistant steel (grade HCR)</u> : for indoors and outdoors with particularly aggressive conditions included sizes: W-FAZ: M8, M10, M12, M16, M20, M24 W-FAZ-IG: M6, M8, M10, M12
<b>Intended use</b>	

4. Manufacturer as required pursuant to Article 11(5)

**Adolf Würth GmbH & Co. KG  
Reinhold-Würth-Str. 12–17  
D-74653 Künzelsau**

5. Authorized representative whose mandate covers the tasks specified in Article 12(2):

**Not relevant**

6. System(s) of assessment and verification of constancy of performance of the construction product as set out in Annex V

**System 1**

7. a) When the construction product is covered by a harmonized standard:

**Not relevant**

When 7(a) applies, the notified body or bodies:

**Not relevant**

7. b) When the construction product is covered by a European Assessment Document

**ETAG 001, Part 1 (06/27/2013)**

When 7(b) applies:  
European Technical Assessment

**ETA-99/0011**

Technical Assessment Body

**Deutsches Institut für Bautechnik DIBt (German Institute for Construction Technology)**

Notified Body

**MPA Darmstadt (1343)**

8. Declared performance:

**Declaration: In the case of harmonized technical specifications, the essential characteristics for the intended use(s) under point 2**

**The performance for each essential characteristic according to level or class. If no performance is declared, then "NPD" ("no performance determined")**

Essential characteristics	Measuring method	Performance		Harmonized technical specification
		W-FAZ	W-FAZ-IG	
Characteristic tension resistance	ETAG 001	ETA-99/0011, Annex C1 -C4	ETA-99/0011, Annex C10-C11	ETAG 001 Part 1
	CEN/TS 1992-4			
Characteristic shear resistance	ETAG 001	ETA-99/0011, Annex C5	ETA-99/0011, Annex C12	
	CEN/TS 1992-4			
Characteristic seismic resistance	TR 045	ETA-99/0011, Annex C6	NPD	
Displacement for serviceability limit state	ETAG 001	ETA-99/0011, Annex C8 -C9	ETA-99/0011, Annex C14	
	CEN/TS 1992-4			
Characteristic fire resistance	TR 020	ETA-99/0011, Annex C7	ETA-99/0011, Annex C13	
	CEN/TS 1992-4			
Installation parameters		ETA-99/0011, Annex B2	ETA-99/0011, Annex B5	
Fire behavior	-	A1		DIN EN 13501-1

9. When pursuant to Articles 37 and 38 appropriate technical documentation and/or Specific Technical Documentation has been used

**a) Not relevant**

**b) Not relevant**

The performance of the above product corresponds to the declared performance. The declaration of performance is issued in compliance with EU Regulation 305/2011 under the sole responsibility of the above manufacturer.

Signed for and on behalf of the manufacturer by:



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Marcel Strobel  
(Head of Product Management)  
Künzelsau, 6/12/2015



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Dr.-Ing. Siegfried Beichter  
(Head of Quality, Authorized Signatory)