

DECLARATION OF PERFORMANCE

No. LE_5929126015_02_M_W-BS

**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-BS concrete screw

59291...; 59292...; 59293...

except for the following articles:

**5929125005; 5929125015; 5929125025; 5929126005; 5929135005; 5929135015; 5929135025;
5929136005; 5929145005; 5929145015; 5929145025; 5929146005; 5929156005; 5929176001;
5929186000; 5929325005; 5929325015; 5929325025; 5929326005**

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):

Product type	concrete screw
For use in	cracked and uncracked concrete C20/25-C50/50 (EN 206)
Load	static and quasi-static, seismic design category C1 (sizes 8 - 14)
Material	<u>Galvanized steel</u> Conditions in dry interior rooms, sizes 6 - 14 <u>Stainless steel A4</u> for indoors and outdoors without particularly aggressive conditions, sizes 6 - 14 <u>HCR, highly corrosion-resistant steel</u> for indoors and outdoors with particularly aggressive conditions, sizes 6 - 14
Intended use	individual fastening:

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

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

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

EAD 330232-00-0601

When 7(b) applies:

European Technical Assessment

ETA-16/0043

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
Characteristic values under tensile loading	FprEN 1992-4:2016	ETA-16/0043, Annex C1 and C2	EAD 330232-00-0601
	TR 055		
Characteristic values under transverse loading	FprEN 1992-4:2016	ETA-16/0043, Annex C1 and C2	
	TR 055		
Displacement for verification of serviceability limit states	FprEN 1992-4:2016	ETA-16/0043, Annex C3	
	TR 055		
Characteristic values under seismic loading	FprEN 1992-4:2016	ETA-16/0043, Annex C4	
	TR 055		
Characteristic values in the event of fire	FprEN 1992-4:2016	ETA-16/0043, Annex C5	
	TR 055		
Installation parameters		ETA-16/0043, Annex B2, B3, and B4	
Adjustability	EAD 330011-00-0601	ETA-16/0043, Annex B4	EAD 330011-00-0601
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:



Frank Wolpert
(Head of Product Management, Authorized Signatory)
Künzelsau, 8/11/2018



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