DECLARATION OF PERFORMANCE
NR. LE_5918500320_04_M_WIT-UH 300 (2)

LANGUAGE VERSIONS :

Language	Site
EN	2
ETA–17/0036 (EN)	3
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DECLARATION OF PERFORMANCE

No. 5918500320_04_M_WIT-UH 300 (2)

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 type: Würth Injektionssystem WIT-UH 300
[Würth WIT-UH 300 injection system]
Art. no.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*

2. Intended use(s): Systems for subsequent mortared-in reinforcement attachments

3. Manufactured by: Adolf Würth GmbH & Co. KG
Reinhold-Würth-Straße 12–17
D-74653 Künzelsau

4. System(s) of assessment and verification of constancy of performance: System 1

5. European Assessment Document: EAD 330087-01-0601, Edition 06/2021
European Technical Assessment: ETA-17/0036 – 10/12/2021
Technical Assessment Body: Deutsches Institut für Bautechnik (DIBT), Berlin
Notified Body or Bodies: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt

6. Declared performance:

Essential characteristics	**Performance**	**Harmonized technical specification**
Mechanical resistance and stability (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Characteristic resistance under static and quasi-static loads	See Annex C1	
Characteristic seismic resistance	See Annex B4 and C2	
Fire protection (BWR 2)		
Fire behavior	Class A1	
Fire resistance	See Annex C3 and C4	

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
11/16/2021 14:24:08 [UTC+1)
(Director, Division, Marketing, Product Management)

Dr.-Ing. Siegfried Beichter
11/16/2021 16:25:38 [UTC+1)
(Head of Quality, Authorized Signatory)

Künzelsau, 11/01/2021

Deutsches Institut für Bautechnik

Member of EOTA
www.eota.eu

Approval body for construction products and types of construction

Bautechnisches Prüfamt

An institution established by the Federal and Laender Governments

Designated according to Article 29 of Regulation (EU) No 305/2011 and member of EOTA (European Organisation for Technical Assessment)

European Technical Assessment ETA-17/0036 of 12 October 2021

English translation prepared by DIBt - Original version in German language

General Part

Technical Assessment Body issuing the European Technical Assessment:	Deutsches Institut für Bautechnik
Trade name of the construction product	Würth Injection System WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection
Product family to which the construction product belongs	Systems for post-installed rebar connections with mortar
Manufacturer	Adolf Würth GmbH & Co. KG Reinhold-Würth-Straße 12-17 74653 Künzelsau DEUTSCHLAND
Manufacturing plant	Werk 3
This European Technical Assessment contains	23 pages including 3 annexes which form an integral part of this assessment
This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of	EAD 330087-01-0601, Edition 06/2021
This version replaces	ETA-17/0036 issued on 14 May 2019

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Specific Part

1 Technical description of the product

The subject of this European Technical Assessment is the post-installed connection, by anchoring or overlap connection joint, of reinforcing bars (rebars) in existing structures made of normal weight concrete, using the "Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection" in accordance with the regulations for reinforced concrete construction.

Reinforcing bars made of steel with a diameter ϕ from 8 to 32 mm or the tension anchor ZA from sizes M12 to M24 according to Annex A and injection mortar WIT-UH 300 / WIT-VH 300 / WIT-VM 300 are used for rebar connections. The rebar is placed into a drilled hole filled with injection mortar and is anchored via the bond between rebar, injection mortar and concrete.

The product description is given in Annex A.

2 Specification of the intended use in accordance with the applicable European assessment Document

The performances given in Section 3 are only valid if the anchor is used in compliance with the specifications and conditions given in Annex B.

The verifications and assessment methods on which this European Technical Assessment is based lead to the assumption of a working life of the rebar connections of at least 50 and/or 100 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3 Performance of the product and references to the methods used for its assessment

3.1 Mechanical resistance and stability (BWR 1)

Essential characteristic	Performance
Characteristic resistance under static and quasi-static loading	See Annex C 1
Characteristic resistance under seismic loading	See Annex B 4 and C 2

3.2 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Class A1
Resistance to fire	See Annex C 3 and C 4

4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with European Assessment Document EAD No. 330087-01-0601, the applicable European legal act is: [96/582/EC].

The system to be applied is: 1

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable European Assessment Document

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

Issued in Berlin on 12 October 2021 by Deutsches Institut für Bautechnik

Dipl.-Ing. Beatrix Wittstock
Head of Section

beglaubigt:
Baderschneider

Deutsches Institut für Bautechnik DIBt

Installation post installed rebar

Figure A1: Overlapping joint for rebar connections of slabs and beams

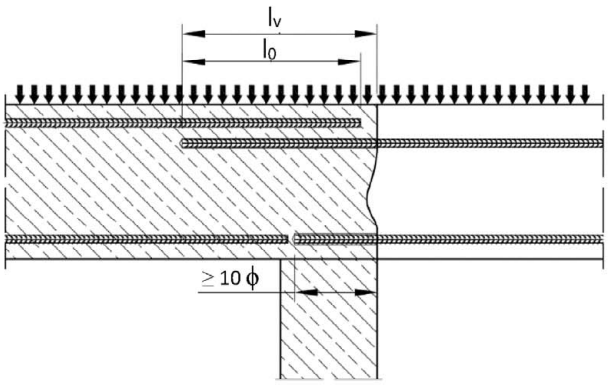


Figure A2: Overlapping joint at a foundation of a wall or column where the rebars are stressed in tension

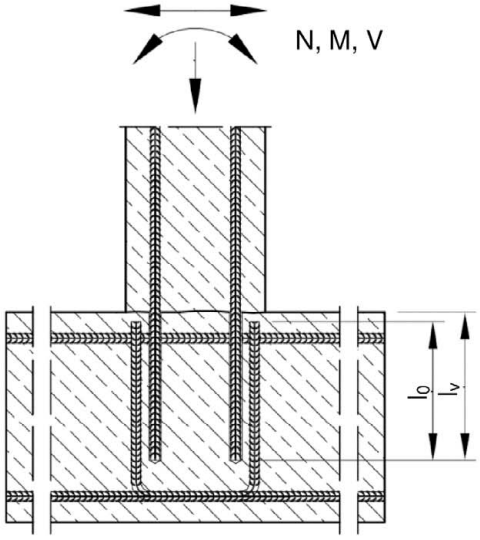


Figure A3: End anchoring of slabs or beams (e.g. designed as simply supported)

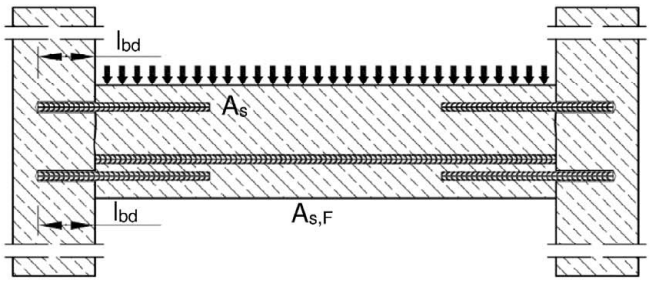


Figure A4: Rebar connection for components stressed primarily in compression. The rebars sre stressed in compression

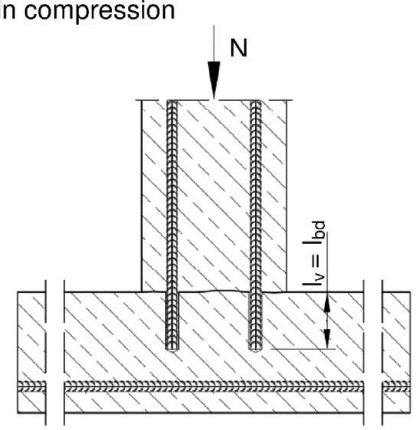
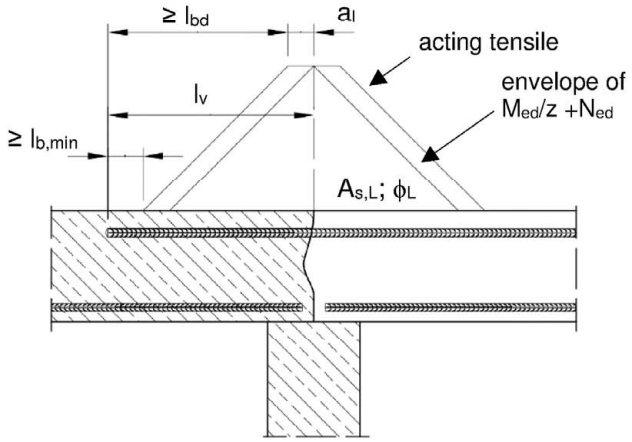


Figure A5: Anchoring of reinforcement to cover the line of acting tensile force



Note to Figure A1 to A5:

In the Figures no transverse reinforcement is plotted, the transverse reinforcement shall comply with EN 1992-1-1:2004+AC:2010.

Preparing of joints according to Annex B 2

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex A 1**
Product description Installed condition and examples of use for rebars	

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Installation tension anchor ZA

Figure A6: Overlapping joint of a column stressed in bending to a foundation

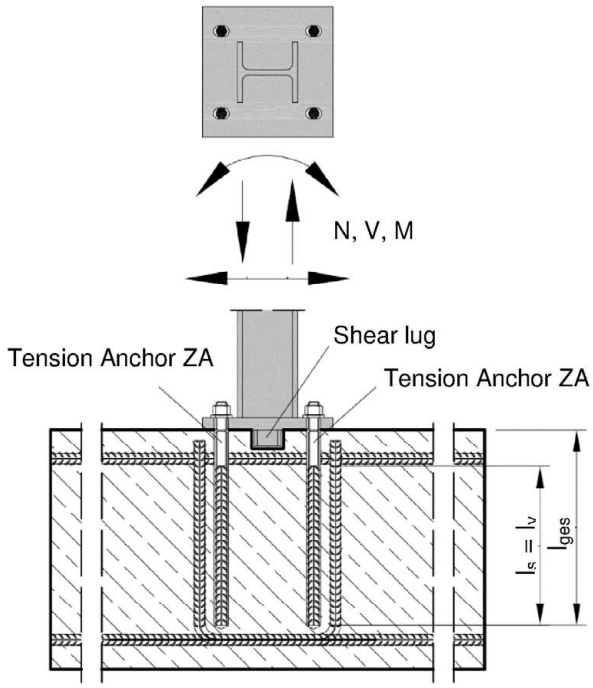


Figure A7: Overlap joint for the anchorage of barrier posts

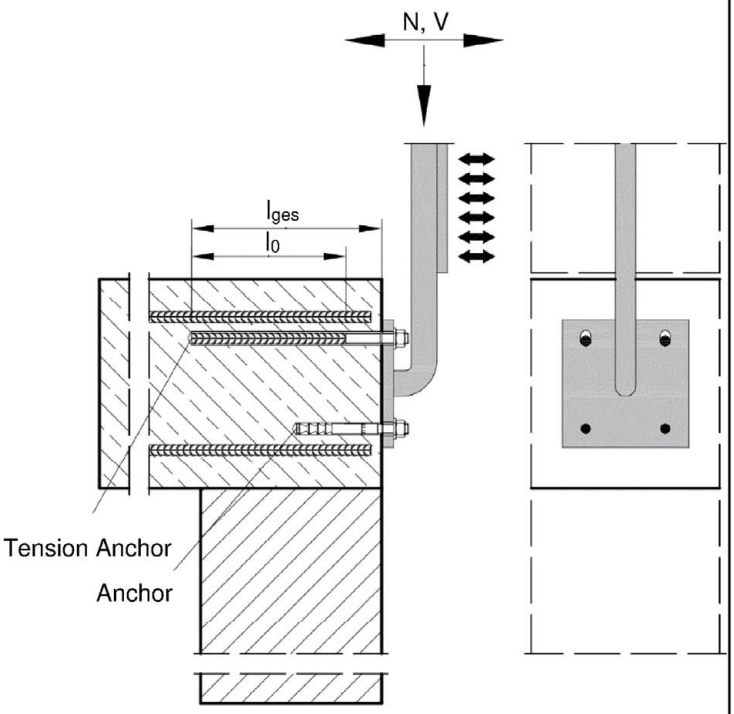
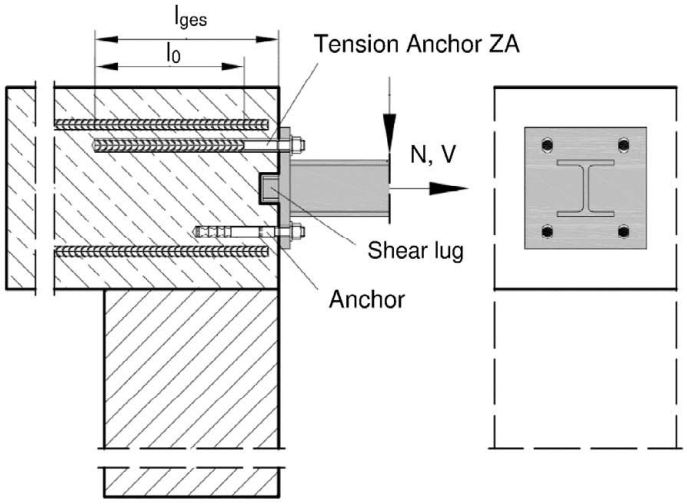


Figure A8: Overlap joint for the anchorage to centilever members



Note to Figure A6 to A8:

In the Figures no transverse reinforcement is plotted, the transverse reinforcement shall comply with EN 1992-1-1:2002+AC:2010

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex A 2**
Product description Installed condition and examples of use for tension anchors ZA	

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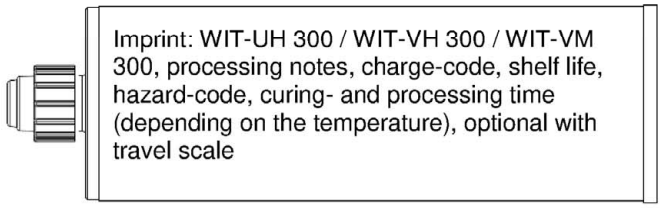
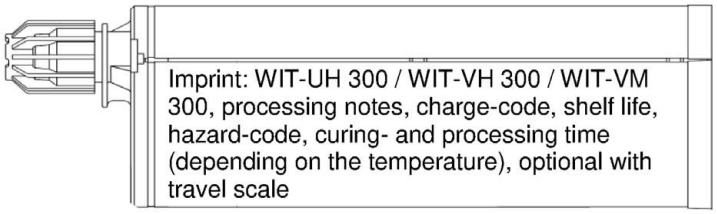
Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300:

Injection mortar: WIT-UH 300 / WIT-VH 300 / WIT-VM 300

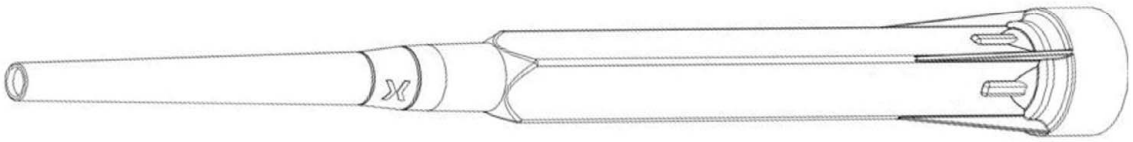
Type "coaxial": 150 ml, 280 ml,
300 ml up to 333 ml and
380 ml up to 420 ml cartridge



Type "side-by-side":
235 ml, 345 ml up to 360 ml and 825 ml cartridge



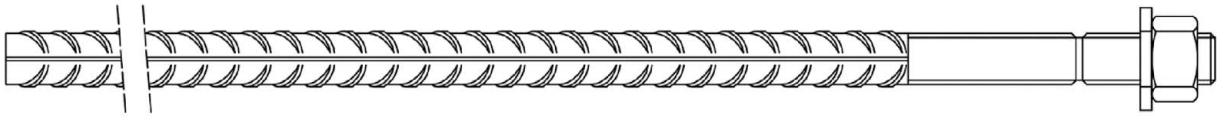
Static Mixer WIT-MX



Piston plug and mixer extension

Reinforcing bar (rebar): ø8 to ø32

Tension Anchor ZA: M12 to M24



Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex A 3**
Product description Injection mortar / Static mixer / Rebar / Tension Anchor ZA	

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Reinforcing bar (rebar): ø8, ø10, ø12, ø14, ø16, ø20, ø22, ø24, ø25, ø28, ø32

- Minimum value of related rip area $f_{R,min}$ according to EN 1992-1-1:2004+AC:2010
- Rib height of the bar shall be in the range $0{,}05\phi \le h_{rib} \le 0{,}07\phi$
  (ϕ: Nominal diameter of the bar; h_{rib}: Rib height of the bar)

Table A1: Materials

Designation	Material
Rebar EN 1992-1-1:2004+AC:2010, Annex C	Bars and de-coiled rods class B or C f_{yk} and k according to NDP or NCL of EN 1992-1-1/NA $f_{uk} = f_{tk} = k \cdot f_{yk}$

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex A 4**
Product description Specifications Rebar	

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Tension Anchor ZA: M12, M16, M20, M24

Marking: e.g. ◇ ZA 12 A4

◇	Mark of the producer
ZA	Trade name
12	Rod diameter/thread
A4	for stainless steel A4
HCR	for high corrosion resistance steel

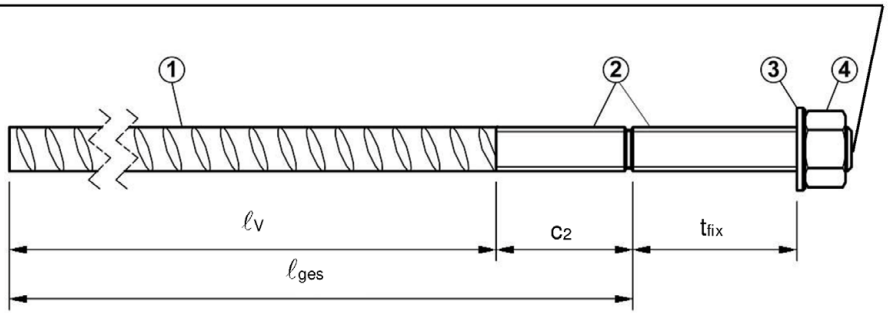

Table A2: Materials

Part	Designation	Material											
		ZA vz				ZA A4				ZA HCR			
		M12	M16	M20	M24	M12	M16	M20	M24	M12	M16	M20	M24
1	Reinforcement bar	Class B according to NDP or NCL of EN 1992-1-1/NA $f_{uk} = f_{tk} = k \cdot f_{yk}$											
	f_{yk} [N/mm²]	500				500				500			
2	Threaded rod	Steel, zinc plated according to EN ISO 683-4:2018 or EN 10263:2001				Stainless steel, 1.4362, 1.4401, 1.4404, 1.4571, EN 10088-1:2014				High corrosion resistant steel, 1.4529, 1.4565, EN 10088-1:2014			
3	Washer	Steel, zinc plated according to EN ISO 683-4:2018 or EN 10263:2001				Stainless steel, 1.4362, 1.4401, 1.4404, 1.4571, EN 10088-1:2014				High corrosion resistant steel, 1.4529, 1.4565, EN 10088-1:2014			
4	Nut												

Table A3: Dimensions and installation parameter

Size				ZA-M12	ZA-M16	ZA-M20	ZA-M24
Diameter of threaded rod		d_s	[mm]	12	16	20	24
Diameter of reinforcement bar		ϕ	[mm]	12	16	20	25
Drill hole diameter		d_o	[mm]	16	20	25	32
Diameter of clearance hole in fixture		d_f	[mm]	14	18	22	26
With across nut flats		SW	[mm]	19	24	30	36
Stress area		A_s	[mm²]	84	157	245	353
Effective embedment depth		ℓ_v	[mm]	according to static calculation			
Length of bonded thread	plated	c_2	[mm]	≥ 20	≥ 20	≥ 20	≥ 20
	A4/HCR			≥ 100	≥ 100	≥ 100	≥ 100
Minimum thickness of fixture		t_{fix}	[mm]	5	5	5	5
Maximum thickness of fixture		t_{fix}	[mm]	3000	3000	3000	3000
Maximum installation torque		T_{max}	[Nm]	50	100	150	150

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection

Product description
Specifications Tension Anchor ZA

Annex A 5

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Specifications of intended use

Anchorages subject to:		static and quasi-static loads	seismic action
Hammer drilling (HD), Hammer drilling with hollow drill bit (HDB) or compressed air drilling (CD)	for a working life of 50 years	Ø8 to Ø32 ZA-M12 to ZA-M24	Ø10 to Ø32
	for a working life of 100 years	Ø8 to Ø32 ZA-M12 to ZA-M24	Ø10 to Ø32
	Fire exposure	Ø8 to Ø32 ZA-M12 to ZA-M24	No performance assessed
Temperature Range:	- 40°C to +80°C (max long-term temperature +50 °C and max short-term temperature +80 °C)		

Base materials:

- Reinforced or unreinforced normal weight concrete according to EN 206:2013 + A1:2016.
- Strength classes C12/15 to C50/60 according to EN 206:2013 + A1:2016.
- Maximum chloride content of 0,40% (CL 0.40) related to the cement content according to EN 206:2013 + A1:2016.
- Non-carbonated concrete.

  Note: In case of a carbonated surface of the existing concrete structure the carbonated layer shall be removed in the area of the post-installed rebar connection with a diameter of ϕ + 60 mm prior to the installation of the new rebar.

  The depth of concrete to be removed shall correspond to at least the minimum concrete cover in accordance with EN 1992-1-1:2004+AC:2010. The foregoing may be neglected if building components are new and not carbonated and if building components are in dry conditions.

Use conditions (Environmental conditions) with tension anchor ZA:

- Structures subject to dry internal conditions (all materials).
- For all other conditions according to EN 1993-1-4:2006+A1:2015 corresponding to corrosion resistance class:
  - Stainless steel Stahl A4 according to Annex A 4, Table A1: CRC III
  - High corrosion resistance steel HCR according to Annex A 4, Table A1: CRC V

Design:

- Anchorages are designed under the responsibility of an engineer experienced in anchorages and concrete work.
- Verifiable calculation notes and drawings are prepared taking account of the forces to be transmitted.
- Design according to EN 1992-1-1:2004+AC:2010, EN 1992-1-2:2004+AC:2008 and Annex B 2 and B 3.
- The actual position of the reinforcement in the existing structure shall be determined on the basis of the construction documentation and taken into account when designing.

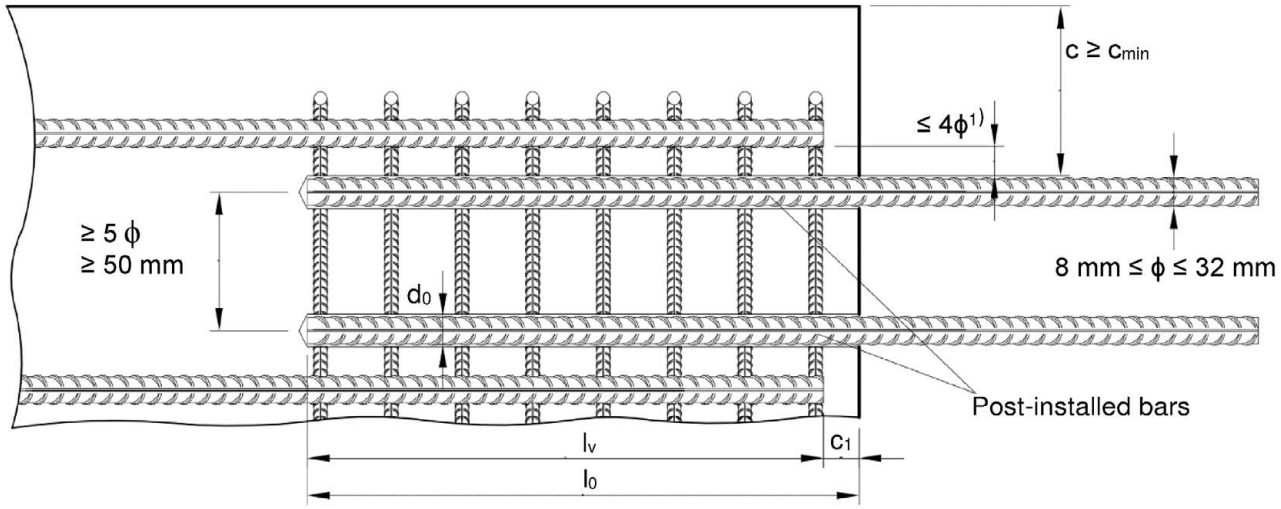
Installation:

- Dry or wet concrete. It must not be installed in flooded holes.
- Overhead installation allowed.
- Hole drilling by hammer drill (HD), hollow drill (HDB) or compressed air drill mode (CD).
- The installation of post-installed rebar resp. tension anchors shall be done only by suitable trained installer and under supervision on site; the conditions under which an installer may be considered as suitable trained and the conditions for supervision on site are up to the Member States in which the installation is done.
- Check the position of the existing rebars (if the position of existing rebars is not known, it shall be determined using a rebar detector suitable for this purpose as well as on the basis of the construction documentation and then marked on the building component for the overlap joint).

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 1**
Intended use Specifications	

Figure B1: General construction rules for post-installed rebars

- Only tension forces in the axis of the rebar may be transmitted.
- The transfer of shear forces between new concrete and existing structure shall be designed additionally according to EN 1992-1-1:2004+AC:2010.
- The joints for concreting must be roughened to at least such an extent that aggregate protrude.



1) If the clear distance between lapped bars exceeds 4ϕ, then the lap length shall be increased by the difference between the clear bar distance and 4ϕ.

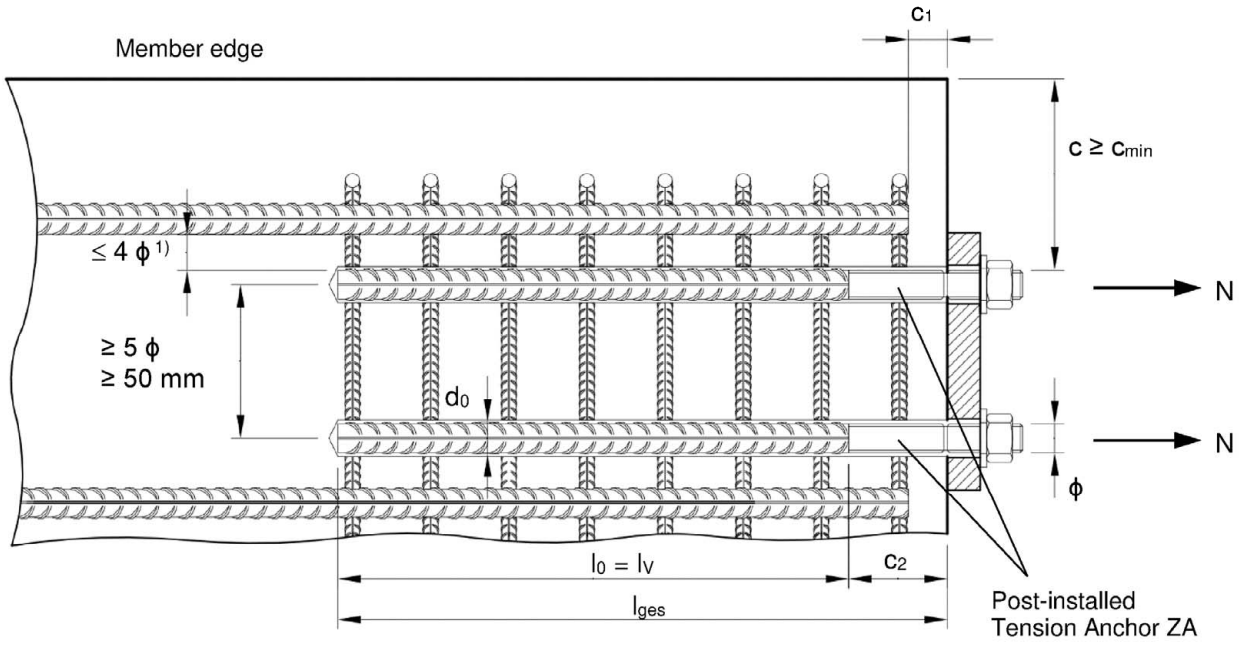
The following applies to Figure B1:

c	concrete cover of post-installed rebar
c_1	concrete cover at end-face of existing rebar
c_{min}	minimum concrete cover according to Table B1 and to EN 1992-1-1:2004+AC:2010, Section 4.4.1.2
ϕ	diameter of post-installed rebar
l_0	lap length, according to EN 1992-1-1:2004+AC:2010, Section 8.7.3
l_v	effective embedment depth, $\geq l_0 + c_1$
d_0	nominal drill bit diameter, see Annex B 5

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 2**
Intended use General construction rules for post-installed rebars	

Figure B2: General construction rules for tension anchors ZA

- The length of the bonded-in thread may be not be accounted as anchorage.
- Only tension forces in the direction of the bar axis may be transmitted by the tension anchor ZA.
- The tension force must be transferred via an overlap joint to the reinforcement in the building part.
- The transfer of shear forces shall be ensured by appropriate additional measures, e.g shear lugs or by anchors with an European technical assessment.
- In the anchor plate, the holes for the tension anchors shall be executed as elongated holes with axis in the direction of the shear force.



1) If the clear distance between lapped bars exceeds 4ϕ, then the lap length shall be increased by the difference between the clear bar distance and 4ϕ.

The following applies to Figure B2:

c	concrete cover of tension anchor ZA
c_1	concrete cover at end-face of existing rebar
c_2	Length of bonded thread
c_{min}	minimum concrete cover according to Table B1 and to EN 1992-1-1:2004+AC:2010, Section 4.4.1.2
ϕ	diameter of tension anchor
l_0	lap length, according to EN 1992-1-1:2004+AC:2010, Section 8.7.3
l_v	effective embedment depth, $\geq l_0 + c_1$
l_{ges}	overall embedment depth, $\geq l_0 + c_2$
d_0	nominal drill bit diameter, see Annex B 4

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 3**
Intended use General construction rules for tension anchors	

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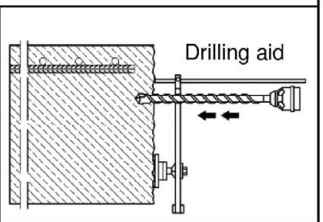
Table B1: Minimum concrete cover min c[1] of post-installed rebar depending of drilling method

Drilling method	Rebar diameter	Without drilling aid	With drilling aid	
Hammer drilling (HD) Hammer drilling with hollow drill (HDB)	< 25 mm	30 mm + 0,06 · l_v ≥ 2 ϕ	30 mm + 0,02 · l_v ≥ 2 ϕ	
	≥ 25 mm	40 mm + 0,06 · l_v ≥ 2 ϕ	40 mm + 0,02 · l_v ≥ 2 ϕ	
Compressed air drilling (CD)	< 25 mm	50 mm + 0,08 · l_v	50 mm + 0,02 · l_v	
	≥ 25 mm	60 mm + 0,08 · l_v ≥ 2 ϕ	60 mm + 0,02 · l_v ≥ 2 ϕ	

[1] see Annex B 2, Figure B1 and Annex B 3, Figure B2
Comments: The minimum concrete cover acc. EN 1992-1-1:2004+AC:2010 must be observed.
For minimum concrete cover $c_{min,seis}$ in case of seismic action see Table B2.

Table B2: Minimum concrete cover min $c_{min,seis}$

Drilling method	Design condition	Distance of 1st edge	Distance of 2nd edge
Hammer drilling (HD) Hollow drill bit system (HDB) Compressed air drilling (CD)	Edge	≥ 2 ϕ	≥ 2 ϕ
	Corner	≥ 2 ϕ	≥ 2 ϕ

Table B3: Base material temperature, gelling time and curing time

Temperature in base material	Maximum working time[1]	Minimum curing time in dry concrete	Minimum curing time in wet concrete
	t_{gel}	t_{cure}	t_{cure}
- 5 °C to - 1 °C	50 min	5 h	10 h
0 °C to + 4 °C	25 min	3,5 h	7 h
+ 5 °C to + 9 °C	15 min	2 h	4 h
+ 10 °C to + 14 °C	10 min	1 h	2 h
+ 15 °C to + 19 °C	6 min	40 min	80 min
+ 20 °C to + 29 °C	3 min	30 min	60 min
+ 30 °C to + 40 °C	2 min	30 min	60 min
Cartridge temperature	+5°C to +40°C		

[1] t_{gel}: maximum time from starting of mortar injection to completing of rebar setting.

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 4**
Intended use Minimum concrete cover Gelling and curing time	

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Table B4: Dispensing tools

Cartridge type/size	Hand tool		Pneumatic tool
Coaxial cartridges 150, 280, 300 up to 333 ml	 e.g. Type H 297 or H244C		 e.g. Type TS 492 X
Coaxial cartridges 380 up to 420 ml	 e.g. Type CCM 380/10	 e.g. Type H 285 or H244C	 e.g. Type TS 485 LX
Side-by-side cartridges 235, 345 ml	 e.g. Type CBM 330A	 e.g. Type H 260	 e.g. Type TS 477 LX
Side-by-side cartridge 825 ml	-	-	 e.g. Type TS 498X

All cartridges could also be extruded by a battery tool.

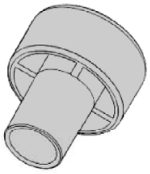
Cleaning and installation tools

HDB – Hollow drill bit system
The hollow drill bit system contains the Würth Extraction Drill Bit, MKT Extraction Drill Bit, Heller Duster Expert hollow-core drill and a class M vacuum with minimum negative pressure of 253 hPa and flow rate of minimum 150 m³/h (42 l/s).

Brush WIT-RB:

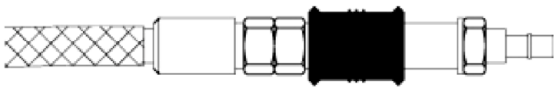
SDS Plus Adapter:

Brush extension:



Piston Plug WIT-VS

Hand pump (volume 750 ml)



Rec. compressed air tool hand slide valve (min 6 bar)

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 5**
Intended Use Dispensing, cleaning and installation tools	

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Table B5: Brushes, piston plugs, max anchorage depth and mixer extension, hammer (HD) and compressed air (CD) drilling

Bar size ϕ	Tension anchor ϕ	Drill bit - Ø HD	Drill bit - Ø CD	d_b Brush - Ø WIT-	d_b Brush - Ø [mm]	$d_{b,min}$ min. Brush - Ø [mm]	Piston plug WIT-	Cartridge: All sizes – Hand or battery tool $l_{v,max}$ [mm]	Cartridge: All sizes – Hand or battery tool Mixer extension	Cartridge: All sizes – Pneumatic tool $l_{v,max}$ [mm]	Cartridge: All sizes – Pneumatic tool Mixer extension	Cartridge: 825 ml – Pneumatic tool $l_{v,max}$ [mm]	Cartridge: 825 ml – Pneumatic tool Mixer extension
[mm]	[mm]	[mm]											
8	-	10	-	RB10	11,5	10,5	-	250	VL10/0,75 or VL16/1,8	250	VL10/0,75 or VL16/1,8	250	VL10/0,75 or VL16/1,8
	-	12	-	RB12	13,5	12,5	-	700		800		800	
10	-							250		250		250	
	-	14	-	RB14	15,5	14,5	VS14	700		1000		1000	
12	ZA-M12							250		250		250	
		16		RB16	17,5	16,5	VS16	700		1000		1200	VL16/1,8
14	-	18		RB18	20,0	18,5	VS18					1400	
16	ZA-M16	20		RB20	22,0	20,5	VS20					1600	
20	ZA-M20	25	-	RB25	27,0	25,5	VS25	500		700		2000	
		-	26	RB26	28,0	26,5	VS25						
22	-	28		RB28	30,0	28,5	VS28						
24/25	ZA-M24	30		RB30	32,0	30,5	VS30			500			
		32		RB32	34,0	32,5	VS32						
28	-	35		RB35	37,0	35,5	VS35						
32	-	40		RB40	43,5	40,5	VS40						

Table B6: Brushes, piston plugs, max anchorage depth and mixer extension, hammer drilling with hollow drill bit system (HDB)

Bar size ϕ	Tension anchor ϕ	Drill bit - Ø HDB	d_b Brush - Ø	$d_{b,min}$ min. Brush - Ø	Piston plug	Cartridge: All sizes – Hand or battery tool $l_{v,max}$	Cartridge: All sizes – Hand or battery tool Mixer extension	Cartridge: All sizes – Pneumatic tool $l_{v,max}$	Cartridge: All sizes – Pneumatic tool Mixer extension	Cartridge: 825 ml – Pneumatic tool $l_{v,max}$	Cartridge: 825 ml – Pneumatic tool Mixer extension
[mm]	[mm]	[mm]			WIT-	[mm]		[mm]		[mm]	
8	-	10	No cleaning required		-	250	VL10/0,75 or VL16/1,8	250	VL10/0,75 or VL16/1,8	250	VL10/0,75 or VL16/1,8
	-	12				700		800		800	
10	-					250		250		250	
	-	14			VS14	700		1000		1000	
12	ZA-M12					250		250		250	
		16			VS16	700		1000		1000	VL16/1,8
14	-	18			VS18						
16	ZA-M16	20			VS20						
20	ZA-M20	25			VS25	500		700			
22	-	28			VS28						
24/25	ZA-M24	30			VS30			500			
		32			VS32						
28	-	35			VS35						
32	-	40			VS40						

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection

Intended Use
Parameter brushes, piston plugs, max anchorage depth and mixer extension

Annex B 6

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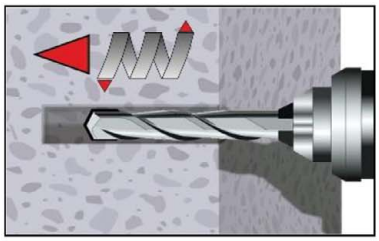
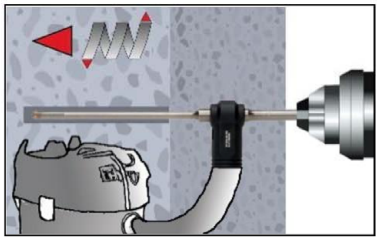
A) Bore hole drilling

Note: Before drilling, remove carbonated concrete and clean contact areas (see Annex B1)
In case of aborted drill hole: the drill hole shall be filled with mortar.



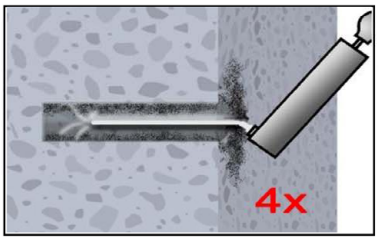
1a. **Hammer (HD) or compressed air drilling (CD)**
Drill a hole into the base material to the size and embedment depth required by the selected reinforcing bar. Proceed with Step B (MAC or CAC).



1b. **Hollow drill bit system (HDB)** (see Annex B 5)
Drill a hole into the base material to the size and embedment depth required by the selected reinforcing bar. This drilling system removes the dust and cleans the bore hole during drilling.
Proceed with Step C.

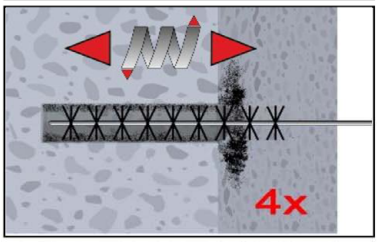
B) Bore hole cleaning (MAC or CAC)

MAC: Cleaning for bore hole diameter $d_0 \leq 20$mm and bore hole depth $h_0 \leq 10d_s$

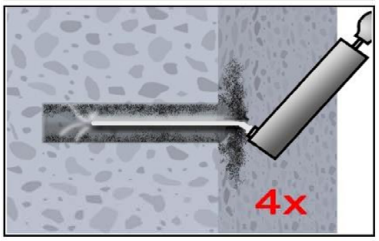


Attention! Standing water in the bore hole must be removed before cleaning.

2a. Starting from the bottom or back of the bore hole, blow the hole clean with a hand pump (Annex B 5) a minimum of four times. If the bore hole ground is not reached an extension shall be used.



2b. Check brush diameter (Table B5). Brush the hole with an appropriate sized wire brush > $d_{b,min}$ (Table B5) a minimum of four times in a twisting motion.
If the bore hole ground is not reached with the brush, a brush extension shall be used.



2c. Finally blow the hole clean again with a hand pump (Annex B 5) a minimum of four times. If the bore hole ground is not reached an extension shall be used.

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 7**
Intended Use Installation instruction: Bore hole drilling (HD, HDB and CD) Bore hole cleaning	

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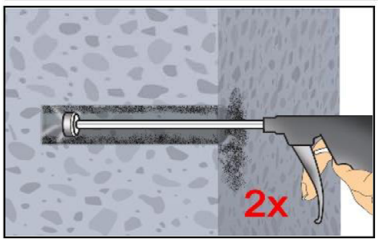
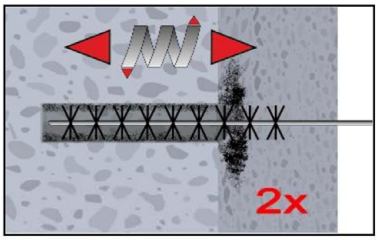
CAC: Cleaning for all bore hole diameter and bore hole depth with drilling method HD and CD

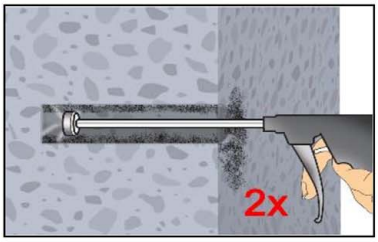


Attention! Standing water in the bore hole must be removed before cleaning.

2a. Starting from the bottom or back of the bore hole, blow the hole clean with compressed air (min. 6 bar) (Annex B 5) a minimum of two times until return air stream is free of noticeable dust. If the bore hole ground is not reached an extension shall be used



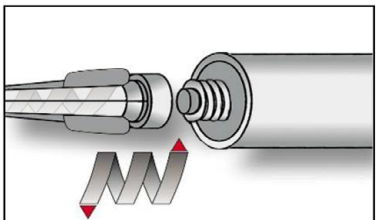
2b. Check brush diameter (Table B5). Brush the hole with an appropriate sized wire brush > $d_{b,min}$ (Table B5) a minimum of two times in a twisting motion.
If the bore hole ground is not reached with the brush, a brush extension shall be used.



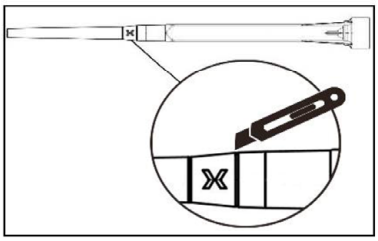
2c. Finally blow the hole clean again with compressed air (min. 6 bar) (Annex B 5) a minimum of two times until return air stream is free of noticeable dust. If the bore hole ground is not reached an extension shall be used.

After cleaning, the bore hole has to be protected against re-contamination in an appropriate way, until dispensing the mortar in the bore hole. If necessary, the cleaning has to be repeated directly before dispensing the mortar.

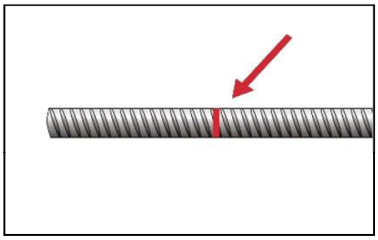
C) Preparation of bar and cartridge



3. Attach the supplied static-mixing nozzle to the cartridge and load the cartridge into the correct dispensing tool.
For every working interruption longer than the recommended working time (Table B3) as well as for every new cartridges, a new static-mixer shall be used.

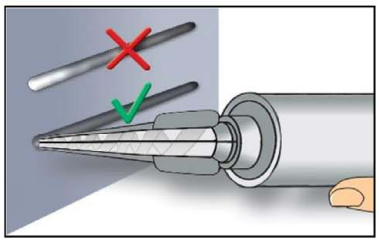


3a. In case of using the mixer extension VL16/1,8, the tip of the mixer nozzle has to be cut off at position „X“.



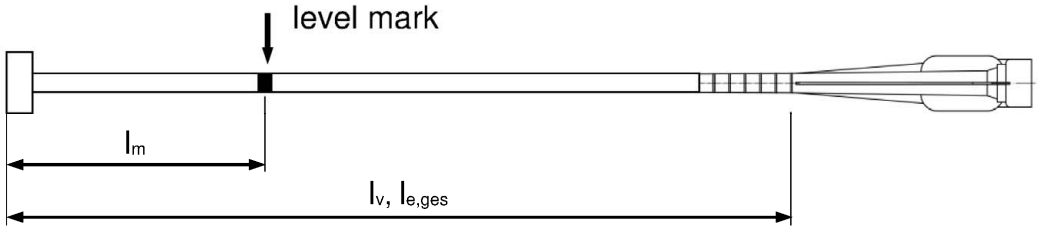
4. Prior to inserting the reinforcing bar into the filled bore hole, the position of the embedment depth shall be marked (e.g. with tape) on the reinforcing bar and insert bar in empty hole to verify hole and depth l_v.
The reinforcing bar should be free of dirt, grease, oil or other foreign material.

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 8**
Intended Use Installation instruction: Bore hole cleaning Preparation of bar and cartridge	



5. Prior to dispensing into the bore hole, squeeze out separately the mortar until it shows a consistent grey colour, but a minimum of three full strokes, and discard non-uniformly mixed adhesive components.

D) Filling the bore hole



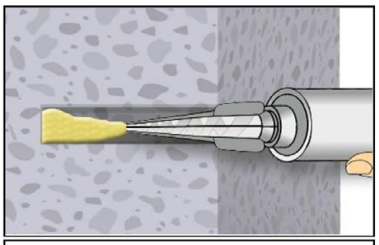
Injection tool must be marked by mortar level mark l_m and anchorage depth l_v resp. $l_{e,ges}$ with tape or marker.

Quick estimation: $\ell_m = 1/3 \cdot \ell_v$

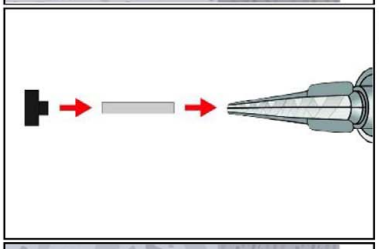
Continue injection until the mortar level mark l_m becomes visible.

Optimum mortar volume:

$$l_m = l_v \text{ resp. } l_{e,ges} \cdot \left(1{,}2 \cdot \frac{\phi^2}{d_0^2} - 0{,}2\right)$$

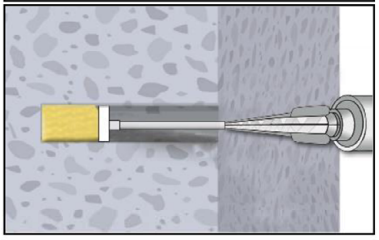


6a. Starting from the bottom or back of the cleaned bore hole fill the hole with adhesive, until the level mark at the mixer extension (see below) is visible at the top of the hole. If the bottom or back of the anchor hole is not reached, an appropriate extension nozzle must be used. Slowly withdraw the static mixing nozzle and using a piston plugs during injection of the mortar, helps to avoid creating air pockets. Observe the gel-/ working times given in Table B3.



6b. Piston plugs shall be used according to Table B5 or B6 for the following applications:
- For overhead and horizontal installation
- In vertical downwards direction with bore holes deeper than 250 mm

Assemble mixing nozzle, mixer extension and piston plug before injecting mortar.



6c. Insert piston plug to back of the hole and inject adhesive. If the bottom or back of the anchor hole is not reached, an appropriate extension nozzle must be used.
During injection the piston plug will be naturally extruded out of the drill hole by the adhesive pressure. Observe the gel-/ working times given in Table B3.

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 9**
Intended Use Installation instruction: Preparation of bar and cartridge Filling the bore hole	

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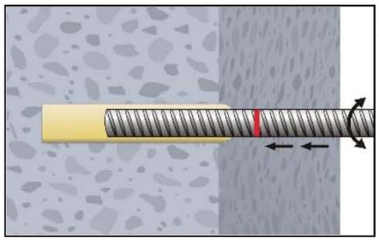
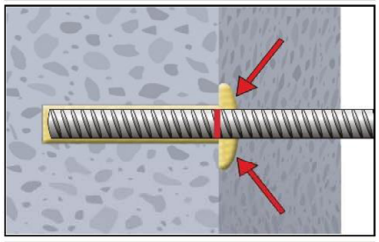
E) Setting the rebar

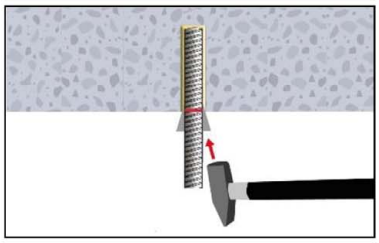


7. Push the reinforcing bar into the bore hole while turning slightly to ensure positive distribution of the adhesive until the embedment depth is reached.

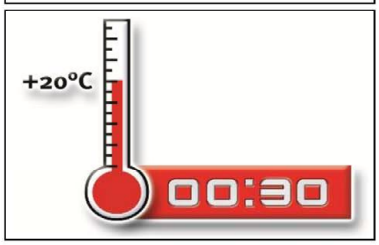
The reinforcing bar should be free of dirt, grease, oil or other foreign material.



8. Be sure that the bar is inserted in the bore hole until the embedment mark is at the concrete surface and that excess mortar is visible at the top of the hole. If these requirements are not maintained, the application has to be renewed.



8a. For horizontal and overhead installation fix embedded part (e.g. with wedges) until the mortar has started to harden.



9. Observe gelling and curing time according to Table B3.
Slightly adjustment of the reinforcing bar within the gelling time t_{gel} is possible. The full load to the reinforcing bar may be applied after the full curing time t_{cure} has elapsed. Attend that the gelling time can vary according to the base material temperature.

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex B 10**
Intended Use Installation instruction: Inserting rebar	

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Table C1: Characteristic tension resistance for tension anchor ZA

Tension Anchor			**M12**	**M16**	**M20**	**M24**
Steel, zinc plated (ZA vz)						
Characteristic tension resistance	$N_{Rk,s}$	[kN]	67	125	196	282
Partial factor	$\gamma_{Ms,N}$	[-]	1,4			
Stainless Steel (ZA A4 or ZA HCR)						
Characteristic tension resistance	$N_{Rk,s}$	[kN]	67	125	171	247
Partial factor	$\gamma_{Ms,N}$	[-]	1,4		1,3	1,4

Minimum anchorage length and minimum lap length under static or quasi-static loading

The minimum anchorage length $l_{b,min}$ and the minimum lap length $l_{0,min}$ according to EN 1992-1-1:2004+AC:2010 ($l_{b,min}$ acc. to Eq. 8.6 and Eq. 8.7 and $l_{0,min}$ acc. to Eq. 8.11) shall be multiply by the amplification factor $\alpha_{lb} = \alpha_{lb,100y}$ according to Table C2.

Table C2: Amplification factor $\alpha_{lb} = \alpha_{lb,100y}$ related to concrete class and drilling method; working life 50 and 100 years

Concrete class	**Drilling method**	**Bar size**	**Amplification factor $\alpha_{lb} = \alpha_{lb,100y}$**
C12/15 to C50/60	all drilling methods	8 mm to 32 mm ZA-M12 to ZA-M24	1,0

Table C3: Reduction factor $k_b = k_{b,100y}$ for all drilling methods; working life 50 and 100 years

Rebar	**Concrete class**								
ϕ	C12/15	C16/20	C20/25	C25/30	C30/37	C35/45	C40/50	C45/55	C50/60
8 to 32 mm ZA-M12 to ZA-M24	1,0								

Table C4: Design values of the ultimate bond stress $f_{bd,PIR}$ and $f_{bd,PIR,100y}$ in N/mm² for all drilling methods and for good conditions; working life 50 and 100 years

$f_{bd,PIR} = k_b \cdot f_{bd}$

$f_{bd,PIR,100y} = k_{b,100y} \cdot f_{bd}$

with

f_{bd}: Design value of the ultimate bond stress in N/mm² considering the concrete classes, the rebar diameter, the drilling method for good bond condition (for all other bond conditions multiply the values by η_1 =0.7) and recommended partial factor γ_c = 1,5 according to EN 1992-1-1:2004+AC:2010.

k_b, $k_{b,100y}$: Reduction factor according to Table C3

Rebar	**Concrete class**								
ϕ	C12/15	C16/20	C20/25	C25/30	C30/37	C35/45	C40/50	C45/55	C50/60
8 to 32 mm ZA-M12 to ZA-M24	1,6	2,0	2,3	2,7	3,0	3,4	3,7	4,0	4,3

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex C 1**
Performances Characteristic tension resistance for tension anchor, Minimum anchorage length and minimum lap length, Amplification factor, Reduction factor and Design values of ultimate bond resistance	

Deutsches Institut für Bautechnik DIBt

Minimum anchorage length and minimum lap length under seismic action

The minimum anchorage length $l_{b,min}$ and the minimum lap length $l_{0,min}$ according to EN 1992-1-1:2004+AC:2010 ($l_{b,min}$ acc. to Eq. 8.6 and Eq. 8.7 and $l_{0,min}$ acc. to Eq. 8.11) shall be multiply by the amplification factor $\alpha_{lb,seis} = \alpha_{lb,seis,100y}$ according to Table C5.

Table C5: Amplification factor $\alpha_{lb,seis} = \alpha_{lb,seis,100y}$ related to concrete class and drilling method; working life 50 and 100 years

Concrete class	Drilling method	Bar size	Amplification factor $\alpha_{lb,seis} = \alpha_{lb,seis,100y}$
C16/20 to C50/60	all drilling methods	10 mm to 32 mm	1,0

Table C6: Reduction factor $k_{b,seis} = k_{b,seis,100y}$ for all drilling methods; working life 50 and 100 years

Rebar	Concrete class								
ϕ	C12/15	C16/20	C20/25	C25/30	C30/37	C35/45	C40/50	C45/55	C50/60
10 to 32 mm	No performance assessed	1,0							

Table C7: Design values of the ultimate bond stress $f_{bd,PIR,seis}$ and $f_{bd,PIR,seis,100y}$ in N/mm² for all drilling methods and for good conditions; working life 50 and 100 years

$f_{bd,PIR,seis} = k_{b,seis} \cdot f_{bd}$

$f_{bd,PIR,seis,100y} = k_{b,seis,100y} \cdot f_{bd}$

with

f_{bd}: Design value of the ultimate bond stress in N/mm² considering the concrete classes, the rebar diameter, the drilling method for good bond condition (for all other bond conditions multiply the values by $\eta_1 = 0.7$) and recommended partial factor $\gamma_c = 1,5$ according to EN 1992-1-1:2004+AC:2010.

$k_{b,seis}$, $k_{b,seis,100y}$: Reduction factor according to Table C6

Rebar	Concrete class								
ϕ	C12/15	C16/20	C20/25	C25/30	C30/37	C35/45	C40/50	C45/55	C50/60
10 to 32 mm	No performance assessed	2,0	2,3	2,7	3,0	3,4	3,7	4,0	4,3

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex C 2**
Performances Minimum anchorage length and minimum lap length, Amplification factor, Reduction factor and Design values of ultimate bond stress under seismic action	

Design value of the ultimate bond stress $f_{bd,fi}$, $f_{bd,fi,100y}$ at increased temperature for concrete classes C12/15 to C50/60, (all drilling methods); working life 50 and 100 years:

The design value of the bond stress $f_{bd,fi}$ at increased temperature has to be calculated by the following equation:

For working life 50 years: $\mathbf{f_{bd,fi} = k_{fi}(\theta) \cdot f_{bd,PIR} \cdot \gamma_c / \gamma_{M,fi}}$

with: $\theta \leq 364°C$: $k_{fi}(\theta) = 30{,}34 \cdot e^{(\theta \cdot -0{,}011)} / (f_{bd,PIR} \cdot 4{,}3) \leq 1{,}0$

$\theta > 364°C$: $k_{fi}(\theta) = 0$

For working life 100 years: $\mathbf{f_{bd,fi,100y} = k_{fi,100y}(\theta) \cdot f_{bd,PIR,100y} \cdot \gamma_c / \gamma_{M,fi}}$

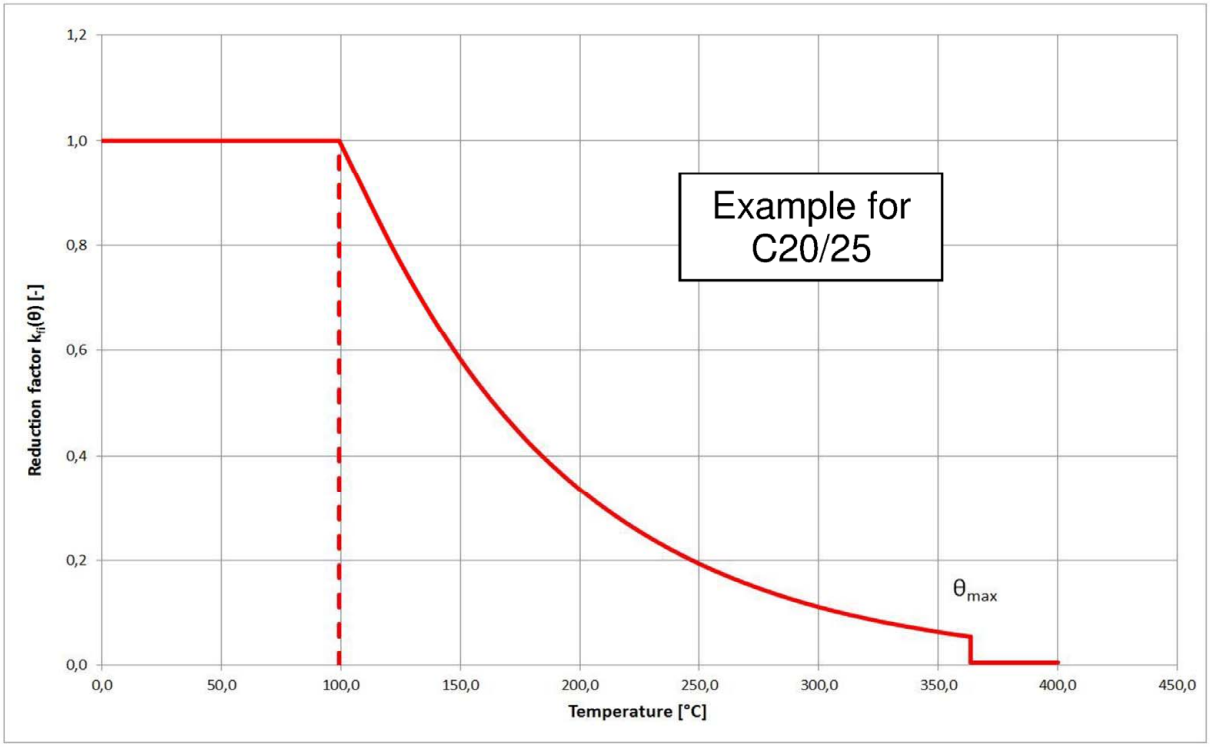
with: $\theta \leq 364°C$: $k_{fi,100y}(\theta) = 30{,}34 \cdot e^{(\theta \cdot -0{,}011)} / (f_{bd,PIR,100y} \cdot 4{,}3) \leq 1{,}0$

$\theta > 364°C$: $k_{fi,100y}(\theta) = 0$

$f_{bd,fi}$, $f_{bd,fi,100y}$	Design value of the ultimate bond stress at increased temperature in N/mm²
θ	Temperature in °C in the mortar layer.
$k_{fi}(\theta)$, $k_{fi,100y}(\theta)$	Reduction factor at increased temperature.
$f_{bd,PIR}$, $f_{bd,PIR,100y}$	Design value of the bond stress $f_{bd,PIR} = f_{bd,PIR,100y}$ in N/mm² in cold condition according to Table C4 considering the concrete classes, the rebar diameter, the drilling method and the bond conditions according to EN 1992-1-1:2004+AC:2010.
γ_c	= 1,5, recommended partially safety factor according to EN 1992-1-1:2004+AC:2010
$\gamma_{M,fi}$	= 1,0, recommended partially safety factor according to EN 1992-1-2:2004+AC:2008

For evidence at increased temperature the anchorage length shall be calculated according to EN 1992-1-1:2004+AC:2010 Equation 8.3 using the temperature-dependent design value of ultimate bond stress $f_{bd,fi}$.

Example graph of Reduction factor $k_{fi}(\theta)$ for concrete classes C20/25 for good bond conditions:



Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection	**Annex C 3**
Performances Design value of ultimate bond stress at increased temperature	

Deutsches Institut für Bautechnik DIBt

Table C8: Characteristic tension resistance for tension anchor ZA under fire exposure, concrete classes C12/15 to C50/60, according to EN 1992-4:2018

Tension Anchor				**M12**	**M16**	**M20**	**M24**
Steel, zinc plated (ZA vz)							
Characteristic tension resistance	R30	$N_{Rk,s,fi}$	[kN]	2,3	4,0	6,3	9,0
	R60			1,7	3,0	4,7	6,8
	R90			1,5	2,6	4,1	5,9
	R120			1,1	2,0	3,1	4,5
Stainless Steel (ZA A4 or ZA HCR)							
Characteristic tension resistance	R30	$N_{Rk,s,fi}$	[kN]	3,4	6,0	9,4	13,6
	R60			2,8	5,0	7,9	11,3
	R90			2,3	4,0	6,3	9,0
	R120			1,8	3,2	5,0	7,2

Würth Injection system WIT-UH 300 / WIT-VH 300 / WIT-VM 300 for rebar connection

Performances
Characteristic tension resistance for tension anchor under fire exposure

Annex C 4

ДЕКЛАРАЦИЯ ЗА ЕКСПЛОАТАЦИОННИ ПОКАЗАТЕЛИ

№ 5918500320_04_M_WIT-UH 300 (2)

Настоящият текст е превод от немски на български.
В случай на съмнение важи оригиналът на немски

1. Уникален идентификационен код на типа на продукта: Würth инжекционна система WIT-UH 300
   Арт. №: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Предвидена употреба/употреби: Системи за допълнително замонолитени връзки за арматура
3. Производител: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Система (и) за оценка и проверка на постоянството на експлоатационните показатели: Система 1
5. Европейски документ за оценяване: EAD 330087-01-0601, издание 06/2021
   Европейска техническа оценка: ETA-17/0036 - 12.10.2021 г.
   Орган за техническа оценка: Deutsches Institut für Bautechnik (DIBt), Berlin
   Нотифициран(и) орган(и): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Деклариран(и) експлоатационен(и) показател(и):

Основни характеристики	**Експлоатационни показатели**	**Хармонизирана техническа спецификация**
Механична якост и устойчивост (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Характерно съпротивление при статични и квазистатични натоварвания	Вижте приложение C1	
Характерно съпротивление под натоварване при земетресение	Вижте приложение B4 и C2	
Противопожарна защита (BWR 2)		
Реакция на огън	Клас A1	
Огнеустойчивост	Вижте приложение C3 и C4	

Експлоатационните показатели на продукта, посочен по-горе, са в съответствие с декларираните експлоатационни показатели. Отговорност за издаването на декларацията за експлоатационни показатели носи изцяло производителят в съответствие с Регламент на (ЕС) № 305/2011.

Подписана за производителя и от името на производителя от:

Франк Волперт
16.11.2021 14:24:08 [UTC+1)
(Ръководител секция маркетинг, продуктов мениджмънт)

Д-р. инж. Зигфрид Байхтер
16.11.2021 16:25:38 [UTC+1)
(Прокурист мениджър Качество)

Кюнцелзау, 01.11.2021 г.

PROHLÁŠENÍ O VLASTNOSTECH

Č. 5918500320_04_M_WIT-UH 300 (2)

Jedná se o verzi přeloženou z němčiny.
V případě pochybností platí německý originál

1. Jednoznačný identifikační kód typu výrobku: Injekční systém Würth WIT-UH 300
   Č. výr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Zamýšlené/zamýšlená použití: Systémy pro připojení výztuže pro dodatečnou instalaci
3. Výrobce: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Systém(y) pro hodnocení a kontrolu stálosti vlastností: Systém 1
5. Evropský dokument pro posuzování: EAD 330087-01-0601, vydání 06/2021
   Evropské technické posouzení: ETA-17/0036 – 12.10.2021
   Pracoviště pro technické posuzování: Deutsches Institut für Bautechnik, Berlin (DIBt, Německý institut pro stavební techniku v Berlíně)
   Oznámený subjekt/oznámené subjekty: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Deklarovaná vlastnost/deklarované vlastnosti:

Podstatné charakteristické vlastnosti	**Vlastnost**	**Harmonizovaná technická specifikace**
Mechanická pevnost a stálost (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Charakteristická odolnost při statické a kvazistatické zátěži	Viz přílohu C1	
Charakteristická odolnost při zatížení zemětřesením	Viz přílohu B4 a C2	
Požární ochrana (BWR 2)		
Reakce na oheň	Třída A1	
Požární odolnost	Viz přílohu C3 a C4	

Vlastnosti výše uvedeného výrobku jsou ve shodě se souborem deklarovaných vlastností. Za vyhotovení prohlášení o vlastnostech v souladu s nařízením (EU) č. 305/2011 je odpovědný výhradně výše uvedený výrobce.

Podepsal za výrobce a jeho jménem:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1]
(vedoucí oddělení divize, marketing, produktový management)

Dr.-Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1]
(zmocněnec – ředitel oddělení jakosti)

Künzelsau, 01.11.2021

YDEEVNEDEKLARATION

Nr. 5918500320_04_M_WIT-UH 300 (2)

Denne version er oversat fra tysk.
I tvivlstilfælde gælder den tyske original

1. Produkttypens entydige identifikationskode: Würth injektionssystem WIT-UH 300
   Art.-nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Anvendelsesformål: Systemer til efterfølgende mørtlede armeringstilslutninger
3. Producent: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. System(er) til bedømmelse og kontrol af ydeevnebestandigheden: System 1
5. Europæisk vurderingsdokument: EAD 330087-01-0601, Edition 06/2021
   Europæisk teknisk bedømmelse: ETA-17/0036 – 12.10.2021
   Teknisk evalueringsmyndighed: Deutsches Institut für Bautechnik (DIBt), Berlin
   Notificeret myndighed/notificerede myndigheder: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Deklareret ydeevne/deklarerede ydeevner:

Væsentlige egenskaber	**Ydelse**	**Harmoniseret teknisk specifikation**
Mekanisk modstandsdygtighed og stabilitet (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Karakteristisk modstand under statiske og kvasi-statiske belastninger	Se bilag C1	
Karakteristisk modstand under jordskælvbelastning	Se appendiks B4 og C2	
Brandsikkerhed (BWR 2)		
Brandreaktion	Klasse A1	
Brandmodstand	Se bilag C3 og C4	

Det ovenstående produkts ydeevne svarer til den deklarerede ydeevne/de deklarerede ydeevner. Udelukkende ovenstående producent er ansvarlig for udstedelsen af ydeevnedeklarationen i henhold til forordning (EU) nr. 305/2011.

Underskrevet for og på vegne af producenten af:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Områdeleder division, marketing, produktmanagement)

Dr.-ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Prokurist – Leder af kvalitetsafdelingen)

Künzelsau, den 01.11.2021

LEISTUNGSERKLÄRUNG

Nr. 5918500320_04_M_WIT-UH 300 (2)

1. Eindeutiger Kenncode des Produkttyps: Würth Injektionssystem WIT-UH 300
   Art.-Nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Verwendungszweck(e): Systeme für nachträglich eingemörtelte Bewehrungsanschlüsse
3. Hersteller: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit: System 1
5. Europäisches Bewertungsdokument: EAD 330087-01-0601, Edition 06/2021
   Europäische Technische Bewertung: ETA-17/0036 – 12.10.2021
   Technische Bewertungsstelle: Deutsches Institut für Bautechnik (DIBt), Berlin
   Notifizierte Stelle(n): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Erklärte Leistung(en):

Wesentliche Merkmale	**Leistung**	**Harmonisierte technische Spezifikation**
Mechanische Festigkeit und Standsicherheit (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Charakteristischer Widerstand unter statischen und quasi-statische Lasten	Siehe Anhang C1	
Charakteristischer Widerstand unter Erdbebenbeanspruchung	Siehe Anhang B4 und C2	
Brandschutz (BWR 2)		
Brandverhalten	Klasse A1	
Feuerwiderstand	Siehe Anhang C3 und C4	

Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung/den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der obengenannte Hersteller verantwortlich.

Unterzeichnet für den Hersteller und im Namen des Herstellers von:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1]

Frank Wolpert
(Bereichsleiter Division, Marketing, Produktmanagement)

Siegfried Beichter
16.11.2021 16:25:38 [UTC+1]

Dr. –Ing. Siegfried Beichter
(Prokurist - Leiter Qualität)

Künzelsau, den 01.11.2021

DECLARACIÓN DE PRESTACIONES

N.º 5918500320_04_M_WIT-UH 300 (2)

Esta versión está traducida del alemán.
En caso de duda es aplicable el original alemán

1. Código de identificación única del producto tipo: Sistema de inyección Würth WIT-UH 300
   N.° de art.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Uso(s) previsto(s): Sistemas para conexiones de armaduras empotradas posteriormente
3. Fabricante: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Sistema(s) de evaluación y verificación de la constancia de las prestaciones: Sistema 1
5. Documento de evaluación europeo: EAD 330087-01-0601, edición 06/2021
   Evaluación técnica europea: ETA-17/0036 – del 12/10/2021
   Organismo de evaluación técnica: Deutsches Institut für Bautechnik (DIBt), Berlin
   Organismo(s) notificado(s): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Prestaciones declaradas:

Características esenciales	**Prestación**	**Especificación técnica armonizada**
Resistencia mecánica y estabilidad (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Resistencia característica bajo cargas estáticas y cuasiestáticas	Véase el anexo C1	
Resistencia característica en caso de movimiento sísmico	Véanse los anexos B4 y C2	
Protección contra incendios (BWR 2)		
Reacción al fuego	Clase A1	
Resistencia al fuego	Véanse los anexos C3 y C4	

Las prestaciones del producto identificado anteriormente son conformes con el conjunto de prestaciones declaradas. La presente declaración de prestaciones se emite de conformidad con el Reglamento (UE) n.° 305/2011, bajo la sola responsabilidad del fabricante arriba identificado.

Firmado por y en nombre del fabricante por:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Director de área, de división, marketing y gestión de productos)

Dr. –Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Apoderado y director de Calidad)

Künzelsau, el 01/11/2021

TOIMIVUSDEKLARATSIOON

Nr 5918500320_04_M_WIT-UH 300 (2)

Tegemist on saksa keelest tõlgitud versiooniga.
Kahtluste korral kehtib saksakeelne originaaltekst

1. Tootetüübi kordumatu identifitseerimiskood: Würthi ankurdussüsteem WIT-UH 300
   Art-nr: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Ettenähtud kasutusotstarve või -otstarbed: Tagantjärele sissemörditavate sarrusühenduste süsteemid
3. Tootja: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Toimivuse püsivuse hindamise ja kontrolli süsteem(id): Süsteem 1
5. Euroopa hindamisdokument: EAD 330087-01-0601, 06/2021
   Euroopa tehniline hinnang: ETA-17/0036 – 12.10.2021
   Tehnilise hindamise asutus: Deutsches Institut für Bautechnik (DIBt), Berliin
   Teavitatud asutus(ed): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Deklareeritud toimivus(ed):

Põhiomadused	**Toimivus**	**Ühtlustatud tehniline kirjeldus**
Mehaaniline tugevus ja vastupidavus (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Iseloomulik vastupanu staatilise ja poolstaatilise koormuse all	Vt lisa C1	
Iseloomulik vastupanu seismilisele jõule	Vt lisa B4 ja C2	
Tulekaitse (BWR 2)		
Tuletundlikkus	Klass A1	
Tuletakistus	Vt lisa C3 ja C4	

Eespool nimetatud toodete toimivus vastab deklareeritud toimivusele / deklareeritud toimivustele. Vastavusdeklaratsiooni koostamise eest kooskõlas määrusega (EL) nr 305/2011 vastutab ainuisikuliselt eespool nimetatud tootja.

Tootja poolt ja nimel allkirjastanud:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(allüksuse, turunduse, tootehalduse osakonna juhataja)

dr ins Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(prokurist – kvaliteedijuht)

Künzelsau, 01.11.2021

SUORITUSTASOILMOITUS

Nro 5918500320_04_M_WIT-UH 300 (2)

Tämä on käännös saksankielisestä.
Epäilyksissä pätee saksankielinen alkuperäisilmoitus.

1. Tuotetyypin yksilöllinen tunniste: Würth injektiojärjestelmä WIT-UH 300
   Tuote-nrot: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Aiottu käyttötarkoitus (aiotut käyttötarkoitukset): Järjestelmät jälkeenpäin sisään laastoitettujen betoniraudoitusten liitoskohdille
3. Valmistaja: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau, Saksa
4. Suoritustason arvioinnin ja tarkistamisen järjestelmä(t): Järjestelmä 1
5. Eurooppalainen arviointidokumentti: EAD 330087-01-0601, julkaisu 06/2021
   Eurooppalainen tekninen arviointi: ETA-17/0036 – 12.10.2021
   Teknisestä arvioinnista vastaava laitos: Deutsches Institut für Bautechnik (DIBt; Saksan rakennustekninen instituutti), Berliini
   Ilmoitettu laitos / ilmoitetut laitokset: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW; teräsrakenneteollisuuden ja materiaalimekaniikan instituutti), Darmstadt
6. Ilmoitettu suoritustaso/ilmoitetut suoritustasot:

Perusominaisuudet	**Suoritustaso**	**Yhdenmukaistetut tekniset eritelmät**
Mekaaninen lujuus ja vakaus (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Ominaisvastus staattisissa ja kvasistaattisissa vaikutuksissa	Katso liite C1	
Ominaisvastus seismisessä kuormituksessa	Katso liitteet B4 ja C2	
Palosuoja (BWR 2)		
Palokäyttäytyminen	Luokka A1	
Palonkestävyys	Katso liitteet C3 ja C4	

Edellä yksilöidyn tuotteen suoritustaso on ilmoitettujen suoritustasojen joukon mukainen. Tämä suoritustasoilmoitus on asetuksen (EU) N:o 305/2011 mukaisesti annettu edellä ilmoitetun valmistajan yksinomaisella vastuulla.

Valmistajan puolesta allekirjoittanut:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Markkinointi-/tuotehallintayksikön osastonjohtaja)

TkT Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Prokuristi – laadunhallinan johtaja)

Künzelsau, 01.11.2021

DÉCLARATION DE PERFORMANCES

N° 5918500320_04_M_WIT-UH 300 (2)

Il s'agit ici de la version traduite à partir de l'allemand.
En cas de doute, la version allemande fait foi

1. Code d'identification unique du produit type : Système à injecter Würth WIT-UH 300
   N° de réf. : 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Usage(s) prévu(s) : Systèmes pour raccordements d'armature noyés après coup dans le mortier
3. Fabricant : Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Strasse 12 – 17
   D – 74653 Künzelsau
4. Système(s) d'évaluation et de vérification de la constance des performances : Système 1
5. Document d'évaluation européen : EAD 330087-01-0601, édition 06/2021
   Évaluation technique européenne : ETA-17/0036 – 12/10/2021
   Organisme d'évaluation technique : Deutsches Institut für Bautechnik (DIBt), Berlin
   Organisme(s) notifié(s) : 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Performance(s) déclarée(s) :

Caractéristiques essentielles	**Performance**	**Spécification technique harmonisée**
Résistance mécanique et stabilité verticale (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Résistance caractéristique sous charges statiques et quasi-statiques.	Voir annexe C1	
Résistance caractéristique sous contrainte sismique	Voir les annexes B4 et C2	
Protection incendie (BWR 2)		
Réaction au feu	Classe A1	
Résistance au feu	Voir les annexes C3 et C4	

La performance du produit susmentionné correspond à la performance / aux performances déclarée(s). Conformément au règlement (UE) N°305/2011, la présente déclaration des performances est établie sous la seule responsabilité du fabricant mentionné ci-dessus.

Signée pour le fabricant et en son nom par :

Frank Wolpert
16/11/2021 14:24:08 [UTC+1]
(Fondé de pouvoir – Directeur de domaine Division, Marketing, Gestion produits)

Dr. –Ing. Siegfried Beichter
16/11/2021 16:25:38 [UTC+1]
(Fondé de pouvoir – Directeur Qualité)

Künzelsau, le 01/11/2021

DEARBHÚ FEIDHMÍOCHTA

Uimh. 5918500320_04_M_WIT-UH 300 (2)

Seo é an leagan aistrithe ón nGearmáinis.
I gcás amhrais, tá feidhm ag an mbunleagan Gearmáinise

1. Cód aitheantais uathúil an chineál táirge: Córas insteallta Würth WIT-UH 300
   Uimh.-Earra.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Cuspóir(í) úsáide: Córais le haghaidh naisc barra treisiúcháin iar-nasctha
3. Monaróir : Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Strasse 12 – 17
   D – 74653 Künzelsau
4. Córais chun seasmhacht feidhmíochta a mheasúnú agus a scrúdú: Córas 1
5. Doiciméad measúnaithe Eorpach: EAD 330087-01-0601, Eagrán 06/2021
   Measúnú Teicniúil Eorpach: ETA-17/0036 – 12.10.2021
   Ionad measúnaithe theicniúil: Institiúid na Gearmáine um Theicneolaíocht Foirgníochta (DIBt), Beirlín
   Iona(i)d dá dtugtar fógra: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Feidhmíocht(aí) d(h)earbhaithe:

Príomhghnéithe	**Feidhmíocht**	**Sonraíocht theicniúil chomhchuibhithe**
Neart meicniúil agus cobhsaíocht (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Friotaíocht shaintréitheach faoi ualaí statacha agus leathstatacha	Féach Iarscríbhinn C1	
Friotaíocht shaintréitheach faoi luchtú chrith talún	Féach Iarscríbhinn B4 agus C2	
Cosaint dóiteáin (BWR 2)		
Imoibriú le tine	Aicme A1	
Friotaíocht dóiteáin	Féach Iarscríbhinní C3 agus C4	

Freagraíonn feidhmíocht an táirge thuas don fheidhmíocht/na feidhmíochtaí dearbhaithe. Is é an monaróir atá ainmnithe thuas amháin atá freagrach as an dearbhú feidhmíochta a ullmhú i gcomhréir le Rialachán (AE) Uimh. 305/2011.

Arna shíniú le haghaidh agus thar ceann an mhonaróra ag:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Ceann na Rannóige, Margaíocht, Bainistíocht Táirgí)

Dr -Ing. Siegfried Bichter
16.11.2021 16:25:38 [UTC+1)
(Sínitheoir údaraithe - Ceann Cáilíochta)

Künzelsau, 01.11.2021

ΔΗΛΩΣΗ ΕΠΙΔΟΣΕΩΝ

Αρ. 5918500320_04_M_WIT-UH 300 (2)

Πρόκειται για την έκδοση μεταφρασμένη από τα γερμανικά.
Σε περίπτωση αμφιβολιών, ισχύει το γερμανικό πρωτότυπο

1. Μοναδικός κωδικός αναγνώρισης του τύπου του προϊόντος: Σύστημα έγχυσης Würth WIT-UH 300
   Αρ. είδ.: 5918500320, 5918504280, 5918500420, 5918503825, 591850*
2. Σκοπός (-οί) χρήσης: Συστήματα για εκ των υστέρων πακτωμένες σε κονία συνδέσεις οπλισμού
3. Κατασκευαστής: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Σύστημα (-τα) για την αξιολόγηση και τον έλεγχο της διατήρησης της επίδοσης: Σύστημα 1
5. Ευρωπαϊκό έντυπο αξιολόγησης: EAD 330087-01-0601, έκδοση 06/2021
   Ευρωπαϊκή τεχνική αξιολόγηση: ETA-17/0036 – 12.10.2021
   Οργανισμός τεχνικής αξιολόγησης: Deutsches Institut für Bautechnik (DIBt), Βερολίνο
   Κοινοποιημένος (-οι) οργανισμός (-οί): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Δηλωμένη (-ες) επίδοση (-εις):

Σημαντικά χαρακτηριστικά	**Επίδοση**	**Εναρμονισμένες τεχνικές προδιαγραφές**
Μηχανική αντοχή και αντίσταση (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Χαρακτηριστική αντίσταση υπό στατικά και οιονεί στατικά φορτία	Βλέπε παράρτημα C1	
Χαρακτηριστική αντίσταση υπό σεισμική καταπόνηση	Βλέπε παράρτημα B4 και C2	
Πυροπροστασία (BWR 2)		
Συμπεριφορά σε πυρκαγιά	Κατηγορία A1	
Αντοχή σε πυρκαγιά	Βλέπε παράρτημα C3 και C4	

Η επίδοση του προαναφερόμενου προϊόντος αντιστοιχεί στη δηλωμένη επίδοση/στις δηλωμένες επιδόσεις. Για τη σύνταξη της δήλωσης επιδόσεων σε συμμόρφωση με τον κανονισμό (ΕΕ) αρ. 305/2011 ο μόνος υπεύθυνος είναι ο προαναφερόμενος κατασκευαστής.

Υπογράφεται για τον κατασκευαστή και στο όνομα του κατασκευαστή:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Διευθυντής τμήματος τομέων, μάρκετινγκ, διαχείρισης προϊόντων)

Dr. –Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Γενικός εμπορικός πληρεξούσιος - Διευθυντής ποιότητας)

Künzelsau, την 01.11.2021

IZJAVA O SVOJSTVIMA

Br. 5918500320_04_M_WIT-UH 300 (2)

Ova je verzija teksta prevedena s njemačkog.
U slučaju dvojbe original na njemačkom ima prednost

1. Jedinstvena identifikacijska oznaka tipa proizvoda: Sustav za ubrizgavanje Würth WIT-UH 300
   Br. artikla: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Namjena(e): Sustavi za armaturne priključke naknadno montirane pomoću žbuke
3. Proizvođač: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Sustav(i) za ocjenjivanje i provjeru stalnosti svojstava: Sustav 1
5. Europski dokument za ocjenjivanje: EAD 330087-01-0601, izdanje iz lipnja 2021.
   Europska tehnička ocjena: ETA-17/0036 – 12.10.2021.
   Tijelo za tehničko ocjenjivanje: Deutsches Institut für Bautechnik (DIBt), Berlin
   Prijavljeno(a) tijelo(a): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Navedeno(a) svojstvo(a):

Bitna obilježja	**Svojstvo**	**Usklađene tehničke specifikacije**
Mehanička otpornost i stabilnost (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Karakteristična otpornost pod statičkim i kvazistatičkim opterećenjem	Pogledajte prilog C1	
Karakteristična otpornost pod potresnim opterećenjem	Pogledajte priloge B4 i C2	
Protupožarna zaštita (BWR 2)		
Ponašanje u slučaju požara	Razred A1	
Otpornost na požar	Pogledajte priloge C3 i C4	

Svojstvo gore navedenog proizvoda odgovara navedenom svojstvu / navedenim svojstvima. Za izradu Izjave o svojstvima prema Uredbi (EU) br. 305/2011 isključivo je odgovoran gore navedeni proizvođač.

Potpisao/la za i u ime proizvođača:

Frank Wolpert
16.11.2021. 14:24:08 [UTC+1)
(voditelj područja za odjele, marketing i upravljanje proizvodima)

Dr. ing. Siegfried Beichter
16.11.2021. 16:25:38 [UTC+1)
(prokurist – voditelj odjela za kvalitetu)

Künzelsau, 01.11.2021.

TELJESÍTMÉNYNYILATKOZAT

5918500320_04_M_WIT-UH 300 (2) sz.

Ez a német nyelvről lefordított változat.
Kétség esetén a német nyelvű eredeti az érvényes.

1. A terméktípus egyedi azonosító kódja: Würth WIT-UH 300 injekciós rendszer
   Cikkszámok: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Felhasználási cél(ok): Rendszerek utólag behabarcsolt vasalási csatlakozásokhoz
3. Gyártó: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. A teljesítményállandóság értékelésére és ellenőrzésére szolgáló rendszer(ek): 1-es rendszer
5. Európai értékelési dokumentum: EAD 330087-01-0601, 2021/06-os kiadás
   Európai Műszaki Értékelés: ETA-17/0036 – 2021.10.12.
   Műszaki értékelő szervezet: Deutsches Institut für Bautechnik (DIBt), Berlin
   Bejelentett szerv(ek): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Nyilatkozatban szereplő teljesítmény(ek):

Lényeges jellemzők	**Teljesítmény**	**Harmonizált műszaki specifikáció**
Mechanikai szilárdság és állékonyság (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Jellemző ellenállás statikus és kvázi-statikus terhelés alatt	Lásd a C1 mellékletet	
Jellemző ellenállás földrengés miatti igénybevételnél	Lásd a B4 és C2 mellékletet	
Tűzvédelem (BWR 2)		
Tűzzel szembeni viselkedés	A1 osztály	
Tűzállóság	Lásd a C3 és C4 mellékletet	

A fent megnevezett termék teljesítménye megfelel a teljesítménynyilatkozatban rögzített teljesítménynek/teljesítményeknek. A 305/2011 sz. EU rendelet előírásai alapján készült teljesítménynyilatkozat összeállítása kizárólag a fent nevezett gyártó felelőssége.

A gyártó képviseletében és nevében aláírta:

Frank Wolpert
2021.11.16. 14:24:08 [UTC+1]
(divízió-, marketing-, termékmenedzsment-vezető)

Dr. –Ing. Siegfried Beichter
2021.11.16. 16:25:38 [UTC+1]
(cégvezető – minőségügyi vezető)

Künzelsau, 2021.11.01.

DICHIARAZIONE DI PRESTAZIONE

N. 5918500320_04_M_WIT-UH 300 (2)

La presente è la versione tradotta dal tedesco.
In caso di incertezze si considera valido l'originale in tedesco

1. Codice di identificazione unico del prodotto-tipo: Würth Injektionssystem WIT-UH 300 (Ancorante chimico ad iniezione Würth WIT-UH 300)
   Art. n.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Utilizzo/i previsto/i: Sistemi per riprese di getto per ferri di armatura
3. Azienda produttrice: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Sistema/i di valutazione e verifica della prestazione: Sistema 1
5. Documento per la Valutazione Europea: EAD 330087-01-0601, edizione 06/2021
   Valutazione tecnica europea: ETA-17/0036 – 12.10.2021
   Organismo di valutazione tecnica: Deutsches Institut für Bautechnik (DIBt), Berlino
   Organismo/i notificato/i: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Prestazione/i dichiarata/e:

Caratteristiche essenziali	**Prestazione**	**Norma tecnica armonizzata**
Resistenza meccanica e stabilità (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Resistenza caratteristica ai carichi statici e quasi statici	Si veda Allegato C1	
Resistenza caratteristica in condizioni sismiche	Si vedano Allegati B4 e C2	
Sicurezza in caso di incendio (BWR 2)		
Reazione al fuoco	Classe A1	
Resistenza al fuoco	Si vedano Allegati C3 e C4	

La prestazione del prodotto di cui sopra è conforme alla prestazione dichiarata/alle prestazioni dichiarate. Si rilascia la presente dichiarazione di prestazione ai sensi del Regolamento (UE) N. 305/2011 sotto la responsabilità esclusiva del suddetto fabbricante.

Firmato a nome e per conto del fabbricante da:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Responsabile di Divisione, Marketing, Gestione prodotto)

Dr. –Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Procuratore - Responsabile Qualità)

Künzelsau, 01.11.2021

EKSPLOATACINIŲ SAVYBIŲ DEKLARACIJA

Nr. 5918500320_04_M_WIT-UH 300 (2)

Tai yra vertimas iš vokiečių kalbos.
Kilus abejonių, vadovautis originalu vokiečių kalba.

1. Produkto tipo unikalus atpažinimo kodas: „Würth“ injekcinė sistema WIT-UH 300
   Artikulo Nr. 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Naudojimo paskirtis (-ys): Papildomai sutvirtintos armavimo jungtys
3. Gamintojas: „Adolf Würth GmbH & Co. KG“
   Reinhold-Würth g. 12–17
   D – 74653 Kiuncelsau
4. Eksploatacinių savybių atsparumo įvertinimo ir patikrinimo sistema (-os): 1 sistema
5. Europos įvertinimo dokumentas: EAD 330087-01-0601, 2021 m. birželio mėn. leidimas
   Europos techninis įvertinimas: ETA-17/0036, atliktas 2021.10.12
   Techninio vertinimo įstaiga: „Deutsches Institut für Bautechnik (DIBt)“, Berlynas
   Notifikuotoji (-osios) įstaiga (-os): 2873, „Institut für Stahlbau und Werkstoffmechanik“ (IFSW), Darmštatas
6. Deklaruojama (-os) eksploatacinė (-s) savybė (-s):

Pagrindinės charakteristikos	**Eksploatacinės savybės**	**Darnusis techninis standartas**
Mechaninis stiprumas ir stabilumas (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Būdingas pasipriešinimas esant statinei ir kvazistatinei apkrovai	Žr. C1 priedą.	
Būdingas pasipriešinimas esant žemės drebėjimui	Žr. priedą nuo B4 iki C2	
Priešgaisrinė apsauga (BWR 2)		
Degumas	A1 klasė	
Atsparumas ugniai	Žr. priedą nuo C3 iki C4	

Turimos produkto eksploatacinės savybės atitinka deklaruotas eksploatacines savybes. Už eksploatacinių savybių deklaracijos, atitinkančios potvarkį (ES) Nr. 305/2011, sudarymą atsako tik nurodytas gamintojas.

Pasirašo gamintojas ir atstovas gamintojo vardu:

Frank Wolpert
2021-11-16, 14:24:08 [UTC+1)
(Rinkodaros, produktų valdymo skyriaus vadovas)

Dr. inž. Siegfried Beichter
2021-11-16, 16:25:38 [UTC+1)
(Įgaliotasis kokybės vadovas)

Kiuncelsau, 2021-11-01

EKSPLUATĀCIJAS ĪPAŠĪBU DEKLARĀCIJA

Nr. 5918500320_04_M_WIT-UH 300 (2)

Šī ir no vācu valodas tulkota dokumenta versija.
Šaubu gadījumā spēkā ir oriģināls vācu valodā

1. Nepārprotams produkta tipa identifikācijas kods: *Würth* injekcijas sistēma WIT-UH 300
   Preces Nr. 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Lietojuma mērķis(-i): Sistēmas papildus iebetonētiem armatūras savienojumiem
3. Ražotājs: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau (Kincelzava)
4. Ekspluatācijas īpašību noturības novērtējuma un pārbaudes sistēma(-as): 1 sistēma
5. Eiropas novērtējuma dokuments: EAD 330087-01-0601, 06/2021 izdevums
   Eiropas Tehniskais novērtējums: ETA-17/0036 – 12.10.2021.
   Tehniskā novērtējuma iestāde: Vācijas Būvniecības tehnikas institūts (*DIBt*), Berlīne
   Paziņotā(-ās) iestāde(-es): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt (Darmštate)
6. Deklarētā(-ās) ekspluatācijas īpašība(-as):

Būtiskie raksturlielumi	**Ekspluatācijas īpašības**	**Saskaņotā tehniskā specifikācija**
Mehāniskā izturība un stiprība *(BWR 1)*		ETA-17/0036 EAD 330087-01-0601
Raksturīgā pretestība pie statiskas un kvazistatiskas slodzes	skatīt C1 pielikumu	
Raksturīgā pretestība pie seismiskās slodzes	Skatīt B4 un C2 pielikumu	
Ugunsdrošība *(BWR 2)*		
Degšanas īpašības	A1 klase	
Ugunsizturība	Skatīt C3 un C4 pielikumu	

Šā produkta ekspluatācijas īpašības atbilst deklarētajai(-ām) ekspluatācijas īpašībai(-ām). Par ekspluatācijas īpašību deklarācijas sagatavošanu saskaņā ar Regulu (ES) Nr. 305/2011 ir atbildīgs tikai iepriekš minētais ražotājs.

Ražotāja un ražotāja pārstāvja paraksts:

Frank Wolpert (Franks Volperts)
16.11.2021 14:24:08 [UTC+1)

(izplatīšanas, tirgvedības, izstrādājumu vadības nodaļas vadītājs)

Dr. ing. Zigfrīds Beihters *(Siegfried Beichter)*
16.11.2021 16:25:38 [UTC+1)
(prokūrists – kvalitātes sistēmas vadītājs)

Kincelzava, 01.11.2021.

DIKJARAZZJONI TA' PRESTAZZJONI

Nru 5918500320_04_M_WIT-UH 300 (2)

Din hija l-verżjoni tradotta mill-Ġermaniż.
F'każ ta' dubju jgħodd id-dokument oriġinali bil-lingwa Ġermaniża

1. Kodiċi uniku ta' identifikazzjoni tat-tip ta' prodott: Würth Sistema b'Injezzjoni WIT-UH 300
   Nru tal-oġġett: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Użu/i intenzjonat/i: Sistemi għal konnessjonijiet rebar post-installati
3. Manifattur: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Str. 12 – 17
   D – 74653 Künzelsau
4. Sistema jew sistemi ta' valutazzjoni u verifika tal-kostanza ta' prestazzjoni: Sistema 1
5. Dokument Ewropew ta' valutazzjoni: EAD 330087-01-0601, Edizzjoni 06/2021
   Valutazzjoni Teknika Ewropea: ETA-17/0036 – 12/10/2021
   Korp tal-valutazzjoni teknika: Deutsches Institut für Bautechnik (DIBt), Berlin
   Korp/i nnotifikat/i: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt, Germany
6. Prestazzjoni/jiet ddikjarata/i:

Karatteristiċi essenzjali	**Prestazzjoni**	**Speċifikazzjoni teknika armonizzata**
Stabbiltà u ebusija mekkanika (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Reżistenza karatteristika taħt tagħbija statika u kważi statika	Ara l-Anness C1	
Reżistenza karatteristika taħt stress ta' terremot	Ara l-Annessi B4 u C2	
Protezzjoni kontra n-nar (BWR 2)		
Reazzjoni għan-nar	Klassi A1	
Reżistenza kontra n-nar	Ara l-Annessi C3 u C4	

Il-prestazzjoni tal-prodott identifikat hawn fuq hija konformi mal-prestazzjonijiet iddikjarati. Din id-dikjarazzjoni ta' prestazzjoni hi maħruġa skont ir-Regolament (UE) Nru 305/2011 taħt ir-responsabbiltà unika tal-manifattur identifikat hawn fuq.

Iffirmat għal u f'isem il-manifattur minn:

Frank Wolpert
16/11/2021 14:24:08 [UTC+1)
(Kap tas-Sezzjoni, Kummerċ, Ġestjoni tal-Prodott)

Dr. –Ing. Siegfried Beichter
16/11/2021 16:25:38 [UTC+1)
(Rapp. Awtorizzat - Kap, Ġestjoni tal-Kwalità)

Künzelsau, 01/11/2021

PRESTATIEVERKLARING

Nr. 5918500320_04_M_WIT-UH 300 (2)

Dit is een uit het Duits vertaalde versie.
In twijfelgevallen geldt het Duitse origineel.

1. Eenduidige identificatiecode van het producttype: Würth injectiesysteem WIT-UH 300
   Art.nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Gebruiksdoel(en): Systemen voor achteraf ingemetselde wapeningsaansluitingen
3. Fabrikant: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Systeem/systemen voor beoordeling en verificatie van de prestatiebestendigheid: Systeem 1
5. Europees beoordelingsdocument: EAD 330087-01-0601, editie 06/2021
   Europese technische beoordeling: ETA-17/0036 – 12.10.2021
   Technische beoordelingsinstantie: Deutsches Institut für Bautechnik (DIBt), Berlijn
   Aangemelde instantie(s): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Vastgestelde prestatie(s):

Belangrijkste eigenschappen	**Prestatie**	**Geharmoniseerde technische specificatie**
Mechanische sterkte en stabiliteit (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Karakteristieke weerstand bij statische en quasi-statische lasten	Zie bijlage C1	
Karakteristieke weerstand onder aardbevingsbelasting	Zie bijlage B4 en C2	
Brandveiligheid (BWR 2)		
Brandgedrag	Klasse A1	
Brandweerstand	Zie bijlage C3 en C4	

De prestatie van het bovenvermelde product voldoet aan de vastgestelde prestatie(s). Voor het opstellen van de prestatieverklaring overeenkomstig verordening (EU) nr. 305/2011 is uitsluitend de bovengenoemde fabrikant verantwoordelijk.

Ondertekend voor de fabrikant en in naam van de fabrikant door:

Frank Wolpert
16/11/2021 14:24:08 [UTC+1)
(Hoofd Divisie Marketing, Productmanagement)

dr.-ing. Siegfried Beichter
16/11/2021 16:25:38 [UTC+1)
(Procuratiehouder - Hoofd Kwaliteit)

Künzelsau, 1/11/2021

YTELSESERKLÆRING

Nr. 5918500320_04_M_WIT-UH 300 (2)

Dette er en versjon som er oversatt fra tysk.
Skulle det oppstå tvil, gjelder den tyske originalen

1. Entydig kode for produkttypen: Würth injeksjonssystem WIT-UH 300 (Würth injeksjonssystem WIT-UH 300) Art.-nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Bruksområde: Systemer for armeringstilkoblinger som er innmurt i ettertid
3. Produsent: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. System(er) til vurdering og kontroll av ytelsesbestandigheten: System 1
5. Europeisk vurderingsdokument: EAD 330087-01-0601, Edition 06/2021
   Europeisk teknisk godkjenning: ETA-17/0036 – 12.10.2021
   Teknisk godkjenningsorgan: Deutsches Institut für Bautechnik, Berlin
   Teknisk(e) kontrollorgan(er): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt, Tyskland
6. Erklært(e) ytelse(r):

Vesentlige egenskaper	**Ytelse**	**Harmonisert teknisk spesifikasjon**
Mekanisk fasthet og stabilitet (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Karakteristisk motstand ved statisk og nesten-statisk belastning	Se vedlegg C1	
Karakteristisk motstand ved jordskjelvbelastning	Se vedlegg B4 og C2	
Brannvern (BWR 2)		
Egenskaper ved brann	Klasse A1	
Brannmotstand	Se vedlegg C3 og C4	

Ytelsen til dette produktet tilsvarer den erklærte ytelsen / de erklærte ytelsene. Produsenten som er nevnt over, er eneansvarlig for at det lages en ytelseserklæring i henhold til forordningen (EU) nr. 305/2011.

Undertegnet for produsenten og på vegne av produsenten:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(områdeleder divisjon, marketing, produktmanagement)

Dr. ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(prokurist – leder kvalitet)

Künzelsau, den 01.11.2021

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH

Nr 5918500320_04_M_WIT-UH 300 (2)

Ten dokument jest wersją przełożoną z języka niemieckiego.
W razie wątpliwości obowiązuje wersja niemiecka.

1. Niepowtarzalny kod identyfikacyjny typu produktu: Würth system do zastrzyków WIT-UH 300
   Nr artykułu: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Przeznaczenie: systemy dla łącznika zbrojenia do późniejszego montażu w zaprawie
3. Producent: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. System (systemy) oceny i weryfikacji stałości właściwości użytkowych: System 1
5. Europejski dokument oceny: EAD 330087-01-0601, edycja 06/2021
   Europejska Ocena Techniczna: ETA-17/0036 – 12.10.2021
   Placówka sporządzająca ocenę techniczną: Deutsches Institut für Bautechnik (DIBt) (Niemiecki Instytut Techniki Budowlanej), Berlin
   Jednostka/-i notyfikowana/-e: 2873, Institut für Stahlbau und Werkstoffmechanik (Instytut konstrukcji stalowych i mechaniki tworzyw), Darmstadt
6. Deklarowane właściwości użytkowe:

Istotne cechy	**Właściwości użytkowe**	**Zharmonizowana specyfikacja techniczna**
Wytrzymałość mechaniczna i stateczność (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Opór właściwy przy obciążeniach statycznych i quasi statycznych	Patrz załącznik C1	
Opór właściwy w przypadku obciążenia związanego z trzęsieniem ziemi	Patrz załącznik B4 i C2	
Ochrona przeciwpożarowa (BWR 2)		
Klasyfikacja ogniowa	Klasa A1	
Odporność ogniowa	Patrz załącznik C3 i C4	

Właściwości użytkowe powyższego produktu pokrywają się z deklarowanymi właściwościami użytkowymi. Za sporządzenie deklaracji właściwości użytkowych zgodnie z rozporządzeniem (UE) nr 305/2011 odpowiedzialny jest wyłącznie wyżej wymieniony producent.

Podpisano za producenta i w jego imieniu:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Kierownik działu marketingu, działu zarządzania produktami)

Dr inż. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Prokurent - Kierownik działu jakości)

Künzelsau, dnia 01.11.2021 r.

DECLARAÇÃO DE DESEMPENHO

N.º 5918500320_04_M_WIT-UH 300 (2)

Versão traduzida da versão alemã.
Em caso de dúvida, é válido o original em alemão

1. Código de identificação inequívoco do tipo de produto: Sistema de injeção WIT-UH 300 Würth
   N.° art.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Fim/fins de utilização: Sistemas para amarrações de varões nervurados instalados à posteriori em estruturas de betão armado
3. Fabricante: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Sistema(s) para avaliação e verificação da constância do desempenho: Sistema 1
5. Documento de Avaliação Europeu: EAD 330087-01-0601, edição 06/2021
   Avaliação Técnica Europeia: ETA-17/0036 – 12.10.2021
   Organismo de Avaliação Técnica: Deutsches Institut für Bautechnik (DIBt), Berlim
   Organismo(s) notificado(s): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Desempenho(s) declarado(s):

Características essenciais	**Desempenho**	**Especificação técnica harmonizada**
Resistência mecânica e estabilidade (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Resistência característica sob cargas estáticas e quase-estáticas	Veja o anexo C1	
Resistência característica sob esforço sísmico	Veja anexo B4 e C2	
Proteção contra incêndio (BWR 2)		
Reação ao fogo	Classe A1	
Resistência ao fogo	Veja anexo C3 e C4	

O desempenho do presente produto corresponde ao(s) desempenho(s) declarado(s). O fabricante acima mencionado é o único responsável pela elaboração da declaração de desempenho, em conformidade com o Regulamento (UE) n.° 305/2011.

Assinado pelo fabricante e em nome do fabricante de:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Chefe de Setor Divisão, Marketing, Gestão de Produtos)

Dr. Eng. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Procurador - Diretor de qualidade)

Künzelsau, a 01.11.2021

DECLARAȚIE DE PERFORMANȚĂ

Nr. 5918500320_04_M_WIT-UH 300 (2)

Prezenta versiune este o traducere din limba germană.
În caz de dubiu, se aplică originalul în limba germană

1. Cod unic de identificare al tipului de produs: Sistem de injecție WIT-UH 300 Würth
   Articol Nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Scopul sau scopurile de utilizare: Sisteme pentru racordări de armături acoperite ulterior cu mortar
3. Producător: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Sistem(e) pentru evaluarea și verificarea constanței performanței: Sistem 1
5. Document european de evaluare: EAD 330087-01-0601, ediția 06/2021
   Evaluare tehnică europeană: ETA-17/0036 – 12.10.2021
   Organism de evaluare tehnică: Deutsches Institut für Bautechnik (DIBt), Berlin
   Organism(e) notificat(e): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt (Institutul pentru construcții metalice și mecanica materialelor)
6. Performanța(e) declarată(e):

Caracteristici esențiale	**Performanță**	**Specificație tehnică armonizată**
Rezistență mecanică și stabilitate (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Rezistență caracteristică la sarcini statice și cvazistatice	A se vedea anexa C1	
Rezistență caracteristică la sarcină seismică	A se vedea anexa B4 și C2	
Protecție contra incendiilor (BWR 2)		
Comportament la incendiu	Clasa A1	
Rezistență la foc	A se vedea anexa C3 și C4	

Performanța produsului prezentat este în conformitate cu performanța declarată / cu performanțele declarate. Pentru realizarea declarației de performanță în conformitate cu Ordonanța (UE) nr. 305/2011, singurul responsabil este producătorul menționat mai sus.

Semnată pentru și în numele producătorului, de către:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Director de divizie, Marketing, Managementul produselor)

Dr.-Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Reprezentant legal - director dep. calitate)

Künzelsau, 01.11.2021

ДЕКЛАРАЦИЯ ХАРАКТЕРИСТИК

№5918500320_04_M_WIT-UH 300 (2)

Здесь речь идет о переведенной с немецкого языка версии.
В случае сомнений руководствоваться немецким оригиналом

1. Однозначная маркировка типа продукта: Система инъекции Würth WIT-UH 300
   Арт. №: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Цель(и) применения: Системы для дополнительно заделанных арматурных сопряжений
3. Изготовитель: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße12 – 17
   D – 74653 Künzelsau
4. Система(ы) для оценки и проверки стабильности характеристик: Система 1
5. Европейский оценочный документ: EAD 330087-01-0601, редакция 06/2021
   Европейская техническая оценка: ETA-17/0036 – 12.10.2021
   Орган технической оценки Уполномоченный(е) орган(ы): Германский институт строительных технологий (DIBt), Берлин
   2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Заявленная(-ые) характеристика(-и):

Важные признаки	**Характеристика**	**Гармонизированная техническая спецификация**
Механическая прочность и устойчивость (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Типичное сопротивление при статических и квазистатических нагрузках:	См. Приложение C1	
Типичное сопротивление при воздействии сейсмических нагрузок	См. Приложения B4 и C2	
Противопожарная защита (BWR 2)		
Огнестойкость	Класс A1	
Огнестойкость	См. Приложения C3 и C4	

Характеристика вышеприведенного продукта соответствует заявленной(-ым) характеристике/характеристикам. За составление декларации характеристик в соответствии с предписанием (EU) № 305/2011 отвечает исключительно вышеупомянутый изготовитель.

Подписано за изготовителя и от имени изготовителя:

Франк Вольперт
16.11.2021 14:24:08 [UTC+1)
(Начальник подразделения маркетинга и производства)

Д-р-инж. Зигфрид Байхтер
16.11.2021 16:25:38 [UTC+1)
(Прокурист - Нач. ОТК)

Кюнцельзау, 01.11.2021

PRESTANDADEKLARATION

Nr. 5918500320_04_M_WIT-UH 300 (2)

Denna version är översatt från tyska.
I tveksamma fall gäller originalet på tyska.

1. Produkttypens unika identifikationskod: Würth injekteringssystem WIT-UH 300
   Art.-nr.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Användningsändamål: System för armeringsanslutningar inmurade i efterhand
3. Tillverkare: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. System för bedömning och kontroll av prestandabeständighet: System 1
5. Europeiskt bedömningsdokument: EAD 330087-01-0601, Edition 06/2021
   Europeisk teknisk bedömning: ETA-17/0036 – 2021-10-12
   Tekniskt bedömningsorgan: Deutsches Institut für Bautechnik (DIBt), Berlin
   Notificerade organ: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Deklarerad prestanda:

Väsentliga egenskaper	**Prestanda**	**Harmoniserad teknisk specifikation**
Mekanisk hållfasthet och stabilitet (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Karakteristiskt motstånd vid statiska och kvasistatiska laster	Se Bilaga C1	
Karakteristiskt motstånd vid jordbävningspåverkan	Se Bilaga B4 och C2	
Brandskydd (BWR 2)		
Branduppförande	Klass A1	
Brandmotstånd	Se Bilaga C3 och C4	

Ovanstående produkts prestanda överensstämmer med den prestanda som anges. Denna prestandadeklaration utfärdas i överensstämmelse med förordning (EU) nr. 305/2011 på eget ansvar av ovanstående tillverkare.

Undertecknad för tillverkaren och på tillverkarens vägnar av:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1]
(Områdeschef division, marknadsföring, produkthantering)

Dr.-ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1]
(Prokurist - Chef Kvalitet)

Künzelsau, 2021-11-01

VYHLÁSENIE O VLASTNOSTIACH

Č. 5918500320_04_M_WIT - 300 (2)

Jedná sa tu o preloženú nemeckú verziu.
V prípade pochybností platí nemecký originál

1. Jednoznačný identifikačný kód typu výrobku: Würth Injekčný systém WIT-UH 300
   Výr. č.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Účel(y) použitia: Systémy pre dodatočne zamaltované armovacie pripojenia
3. Výrobca: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Systém (systémy) na posudzovanie a overovanie odolnosti parametrov: Systém 1
5. Európsky vyhodnocovací dokument: EAD 330087- 01- 0601, Edícia 06/2021
   Európske technické vyhodnotenie: ETA-17/0036 – 12.10.2021
   Pracovisko pre technické vyhodnotenie: Deutsches Institut für Bautechnik (Nemecký inštitút pre stavebnú techniku) (DIBt), Berlín
   Notifikovaný orgán(y): 2873, Inštitút pre oceľové konštrukcie a mechaniku materiálov (IFSW), Darmstadt
6. Vlastnosť(i) uvedené vo vyhlásení:

Podstatné znaky	**Vlastnosť**	**Harmonizovaná technická špecifikácia**
Mechanická pevnosť a stabilita (BWR 1)		ETA-17/0036 EAD 330087- 01- 0601
Charakteristická odolnosť pri statickom a kvázi-statickom zaťažení	Pozri prílohu C1	
Charakteristická odolnosť pri seizmickom zaťažení	Pozri prílohu B4 a C2	
Protipožiarna ochrana (BWR 2)		
Reakcia látky pri požiari	Trieda A1	
Požiarna odolnosť	Pozri prílohu C3 a C4	

Vlastnosť vyššie uvedeného produktu zodpovedá vyhlásenej vlastnosti / vyhláseným vlastnostiam. Na vyhotovenie vyhlásenia o parametroch v súlade s nariadením (EÚ) č. 305/2011 je zodpovedný sám vyššie uvedený výrobca.

Podpísané pre výrobcu a v mene výrobcu:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(vedúci oddelenia divízie, marketing, produktový manažment)

Dr. –Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(Prokurista - vedúci kvality)

Künzelsau, dňa 1. 11. 2021

IZJAVA O LASTNOSTIH

Št. 5918500320_04_M_WIT-UH 300 (2)

To besedilo je prevod iz nemščine.
Ob dvomu velja nemški izvirnik

1. Enotna identifikacijska oznaka tipa izdelka: Vbrizgalni sistem Würth WIT-UH 300
   Št. art.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Nameni uporabe: Sistemi za naknadno vzidane priključke za armaturo
3. Proizvajalec: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau, Nemčija
4. Sistemi za vrednotenje in preverjanje trajnosti lastnosti: Sistem 1
5. Evropski ocenjevalni dokument: EAD 330087-01-0601, izdaja 06/2021
   Evropsko tehnično vrednotenje: ETA-17/0036 – 12.10.2021
   Organ, ki je opravil tehnično vrednotenje: Deutsches Institut für Bautechnik (DIBt), Berlin
   Priglašeni organ: 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Navedene lastnosti:

Bistvene značilnosti	**Lastnost**	**Harmonizirana tehnična specifikacija**
Mehanska trdnost in stabilnost (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Značilna odpornost pri statični in kvazistatični obremenitvi	Glejte Prilogo C1	
Značilna odpornost pri potresni obremenitvi	Glejte Prilogi B4 in C2	
Protipožarna zaščita (BWR 2)		
Požarne lastnosti	Razred A1	
Požarna odpornost	Glejte Prilogi C3 in C4	

Lastnosti tega izdelka ustrezajo navedenim lastnostim. Za pripravo izjave o lastnostih po uredbi (EU) št. 305/2011 je odgovoren izključno zgoraj navedeni proizvajalec.

Podpis za proizvajalca in v njegovem imenu:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(vodja področja za divizijo, trženje in upravljanje izdelkov)

Dr. –Ing. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(prokurist – vodja za kakovost)

Künzelsau, 1. 11. 2021

PERFORMANS BEYANI

No. 5918500320_04_M_WIT-UH 300 (2)

Burada söz konusu olan Almanca dilinden yapılmış bir çeviridir.
Şüpheli durumlarda Almanca orijinal metin geçerli olacaktır

1. Ürün tipinin açık kodu: Würth Injektionssystem WIT-UH 300 (Würth Enjeksiyon sistemi WIT-UH 300)
   Ürün No.: 5918500320; 5918504280; 5918500420; 5918503825; 591850*
2. Kullanma amacı (amaçları): Sonradan harçlanmış donatı bağlantıları için sistemler
3. Üretici: Adolf Würth GmbH & Co. KG
   Reinhold-Würth-Straße 12 – 17
   D – 74653 Künzelsau
4. Performansın sürdürülebilirliğinin değerlendirilmesi ve kontrolü için sistem(ler): Sistem 1
5. Avrupa Değerlendirme Belgesi: EAD 330087-01-0601, Edition 06/2021
   Avrupa Teknik Değerlendirmesi: ETA-17/0036 – 12.10.2021
   Teknik Değerlendirme Kuruluşu: Deutsches Institut für Bautechnik (DIBt), Berlin
   Akredite kuruluş(lar): 2873, Institut für Stahlbau und Werkstoffmechanik (IFSW), Darmstadt
6. Beyan edilen performans(lar):

Önemli özellikler	**Performans**	**Uyumlandırılmış teknik nitelik**
Mekanik dayanıklılık ve kararlılık (BWR 1)		ETA-17/0036 EAD 330087-01-0601
Statik ve sözde statik etkiler altındaki karakteristik direnç	Bkz. Ek C1	
Çekme yükü altında karakteristik direnç	Bkz. Ek B4 ve C2	
Yangından koruma (BWR 2)		
Yangındaki tutum	Sınıf A1	
Yangına dayanıklılık	Bkz. Ek C3 ve C4	

Mevcut ürünün performansı, beyan edilen performansa/beyan edilen performanslara uygundur. Performans beyanının 305/2011 numaralı yönetmelikle (AB) uyumlu olarak oluşturulmasından üretici tek başına sorumludur.

Üretici için ve üretici adına imzalayan:

Frank Wolpert
16.11.2021 14:24:08 [UTC+1)
(Bölüm yöneticisi, Marketing, Ürün yönetimi)

Dr. Müh. Siegfried Beichter
16.11.2021 16:25:38 [UTC+1)
(İmzaya Yetkili Kalite Yöneticisi)

Künzelsau, 01.11.2021