



## Declaration of Performance

No. 2323-CPR-0010

acc. to regulation (EU) Nr. 305/2011/EU (Construction Products Regulation)



1.

Unique identification code of the product type: **SB headed studs**

2.

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

**SB headed studs, marking acc. to ETA-11/0120, Annex A2**

3.

Intended use or uses of the construction product, in accordance with the applicable harmonized specification, as foreseen by the manufacturer:

Product	Intended use
Product family	Steel plate with cast-in anchors (Static and quasi-static loads in tension and shear)
Included product dimensions	See ETA-11/0120, Annex A2
Embedding material and its strength	Reinforced normal weight concrete strength classes C20/25 to C90/105 acc. to EN 206-1:2000
Condition of the embedding material	Cracked or uncracked concrete

4.

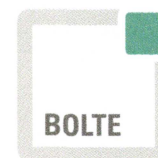
Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant article 11 (5):

**Bolte GmbH, Flurstraße 25-27, D-58285 Gevelsberg**

5.

If applicable, name and contact address of the authorized representative, who is charged with tasks acc. to article 12 (2):

**not applicable**



6.

System or systems of assessment and verification of constancy of performance of the construction product as set out in annex V:

**System 1**

7.

In case of the declaration of performance concerning a construction product, which is covered by a harmonized standard:

**not applicable**

8.

In case of the declaration of performance concerning a construction product for which an European Technical Approval has been issued:

ETA-11/0120 issued by Deutsches Institut für Bautechnik, Kolonnenstraße 30B, 10829 Berlin based on EAD 330084-00-0601.

IEA GmbH, Stuttgart, NB 2323 performed under system 1:

- determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product
- initial inspection of the manufacturing plant and of the factory production control
- continuous surveillance, assessment and evaluation of the factory production control

and issued the certificate of constancy of performance 2323-CPR-0010.

9.

Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Characteristic values of resistance and displacement for tensile load	ETA-11/0120, Annex C1	EAD 330084-00-0601
Characteristic values of resistance and displacement for shear load, combined tension and shear	ETA-11/0120, Annex C2	EAD 330084-00-0601
Installation parameters	ETA-11/0120, Annex B3	
Reaction to fire	Class A1	EAD 330084-00-0601



10.

The performance of the product identified in number 1 and 2 is in conformity with the declared performance in number 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in number 4.

Signed for and on behalf of the manufacturer:

A handwritten signature in blue ink, appearing to read "Lars Bolte".

Lars Bolte  
Managing director

A handwritten signature in blue ink, appearing to read "Sven Bolte".

Sven Bolte  
Managing director

Gevelsberg, 29/11/2021  
Place, Date