

## JORDAHL® punching shear reinforcement JDA

**1. Unique identification code of the product-type:**

JORDAHL® punching shear reinforcement JDA

**2. Generic type and use**Increase of the punching shear resistance of flat slab, ground slabs and footings with a slab height of  $h \geq 180$  mm, interface reinforcement between precast and in-situ concrete for semi-prefabricated slabs**3. Trade Mark / Manufacturer:**

JORDAHL®

PohlCon GmbH, Nobelstraße 51, 12057 Berlin, Germany

**4. System(s) for assessing and verifying constancy of performance:**

System 1+

**5. Technical Assessment****European Assessment Document:**

EAD 160003-00-0301, Edition 05/2018

**European Technical Assessment:**

ETA-13/0136, Date: 01.09.2020

**Technical Assessment Body:**

Deutsches Institut für Bautechnik (DIBt), Kolonnenstr. 30B, 10829 Berlin

**Notified body:**

DVS ZERT GmbH, Aachener Straße 172, 40223 Düsseldorf

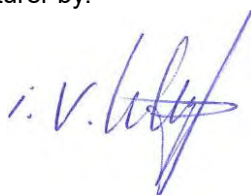
**Certificate of Conformity:**

2451-CPR-EAD-2018.0002.004

**6. Declared performance**

Essential characteristics	Performance
Punching shear resistance at interior columns	ETA-13/0136, Annex B3, B4, B5, B7 und B8 *)
Punching shear resistance at edge- and corner columns	ETA-13/0136, Annex C1 to C3 *)
Punching shear resistance at near openings	ETA-13/0136, Annex C1 and C3 *)
Punching shear resistance of footings	ETA-13/0136, Annex B6 *)
Characteristic fatigue strength	$\Delta\sigma_{Rsk,n=2*10^6} = 70$ MPa
Increasing factor for punching shear resistance	$k_{pu,sl} = 1,96$ , $k_{pu,fo} = 1,50$
Reaction to fire	Class A1

The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer. Signed for and on behalf of the manufacturer by:



Berlin, 01.02.2024

Björn Wingerter, Head of engineering and product development, shell construction / facade

\*) Further information [pohlcon.com/en/products/reinforcement/punching-shear-reinforcement](https://pohlcon.com/en/products/reinforcement/punching-shear-reinforcement)