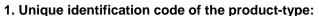
Declaration of Performance No. DOP_JTA_0224_EN JORDAHL® Anchor Channel JTA. JZA. JXA and JXA-PC





JORDAHL® anchor channel JTA, JZA, JXA and JXA-PC

2. Generic type and use

Transmission of static and quasi-static tensile and shear loads (perpendicular to and in the axis of the channel) in cracked and non-cracked concrete by means of T-shaped bolts inserted into the cast-in channel. Suitable for fire, fatigue and earthquake exposure.

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 330008-04-0601-V01, Edition 03/2024

European Technical Assessment:

ETA-09/0338, Date: 18.06.2024

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-2018.0001.004

6. Declared performance

| Essential characteristics | Performance |
|---|-------------------------------|
| Characteristic resistance under static and quasi- | |
| static loading | |
| Resistance to steel under tensile load | ETA-09/0338, Annex C1-C7 *) |
| Resistance to concrete failure under tensile load | ETA-09/0338, Annex C8-C11 *) |
| Resistance to steel failure under shear load | ETA-09/0338, Annex C13-C16 *) |
| perpendicular to the longitudinal axis of the channel | |
| Resistance to steel failure under shear load in the | ETA-09/0338, Annex C13-C16 *) |
| longitudinal direction of the channel | |
| Resistance to concrete failure under shear load | ETA-09/0338, Annex C17-C18 *) |
| Resistance under combined tensile and shear loads | ETA-09/0338, Annex C22 *) |
| | |
| Characteristic resistance under fatigue loading | |
| Resistance to steel under tensile load | ETA-09/0338, Annex C23-C25 *) |
| Resistance to concrete failure under tensile load | ETA-09/0338, Annex C23-C25 *) |
| Fatigue resistance to steel failure under shear load | ETA-09/0338, Annex C26 *) |
| in the longitudinal and perpendicular direction of the | |
| channel | |
| Fatigue resistance to concrete failure under shear | ETA-09/0338, Annex C26 *) |
| load in the longitudinal and perpendicular direction of | |
| the channel | |
| Fatigue resistance under combined tensile and | ETA-09/0338, Annex C27 *) |
| shear loads | |
| Characteristic resistance under seismic loading | |
| Seismic resistance to steel under tensile load | ETA-09/0338, Annex C29-C34 *) |
| Seismic resistance to steel failure under shear load | ETA-09/0338, Annex C35-C39 *) |
| perpendicular to the longitudinal axis of the channel | |
| Seismic resistance to steel failure under shear load | ETA-09/0338, Annex C35-C37 *) |
| in the longitudinal direction of the channel | |
| Reaction to fire | Class A1 |
| Resistance to fire | ETA-09/0338, Annex C40-C42 *) |
| • | 1/2 |

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Durability

ETA-09/0338, Annex B1 *)

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, 24.07.2024

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

*) Further information pohlcon.com/en/products/fastening/anchor-channels