



**Declaration of Performance**  
**VJ Technology Injection System XPE440 for rebar connection**

DoP No. 1343-CPR-M 532-11

- 1. Unique identification code of the product-type: VJ Technology Injection System XPE440 for rebar connection
- 2. Intended use/es: Systems for post-installed rebar connections with mortar
- 3. Manufacturer: VJT Technology  
Technology House, Cobbs Wood Ind Est  
Ashford, Kent, TN23 1EN
- 4. Authorised representative: -
- 5. System/s of AVCP: System 1
- 6. European Assessment Document: EAD 330087-00-0601  
European Technical Assessment: ETA-20/0230 - issued 03.04.2020  
Technical Assessment Body: Deutsches Institut für Bautechnik DiBt  
Notified body/ies: IFSW - TU Darmstadt (2873)
- 7. Declared performance/s:

**Mechanical resistance and stability (BWR 1)**

Essential Characteristics	Design Method	Performance
Characteristic resistance under static and quasi-static load Bond strength $f_{bd,PIR}$ Amplification factor $\alpha_{lb}$ Reduction factor $k_b$	EN 1992-1-1:2004 + AC:2010	ETA-20/0230, Annex C1

**Safety in case of fire (BWR 2)**

Essential Characteristics	Design	Performance
Reaction to fire	-	Rebar connections satisfy requirements for Class A1
Resistance to fire	EN 1992-1-2:2004 + AC:2008	ETA-20/0230, Annex C2, C3

**Hygiene, health and the environment (BWR 3)**

Essential Characteristics	Performance
Content, emission and/or release of dangerous substances	No performance assessed (NPA)



8. Appropriate Technical Documentation and/or Specific Technical Documentation: Not relevant

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed on behalf of the manufacturer by:

Date, 09.04.2021

A handwritten signature in black ink, appearing to read 'Steve Line', written on a light grey rectangular background.

Steve Line - VJT Technical manager