



## Declaration of Performance

DoP No. 1343-CPR-M 532-7-CE

1. Unique identification code of the product-type: VJ Technology Injection System V420+ for rebar connection
2. Intended use/es: Injection system for post-installed rebar connections with mortar
3. Manufacturer: VJ 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-17/0571 - issued 07.09.2017  
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-17/0571, 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-17/0571, 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 for and on behalf of the manufacturer by:

Date 18/04/2023

Mark Pettit - COO (VJT Company Director)