



# Declaration of Performance

## VJT Injection System V420+ v3 for post-installed rebar



DoP No. 1343-CPR-M 532-9

1. Unique identification code of the product-type: VJ Technology Injection System HPE 385
2. Intended use/es: Injection system for post-installed rebar connections
3. Manufacturer: VJ Technology  
Technology House, Cobbs Wood Ind Est  
Ashford, Kent, TN23 1EN  
Phone 01233 637695
4. Authorised representative: -
5. System/s of AVCP: System 1
6. European Assessment Document: EAD 330087-00-0601  
European Technical Assessment: ETA-13/0319 - 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-13/0319 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-13/0319 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 09.04.2021

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

Steve Line  
Technical Manager