

**DECLARATION OF PERFORMANCE (DoP)**  
according to Construction Products Regulation (CPR) No 305/2011

**DoPNo. 20/0065 - en**

1. Unique identification code of the product-type: **ResiFIX VY ECO**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**ETA-20/0065, annex A 2**

**Batch number: see packaging of the product.**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

<b>Generic type</b>	Injection system incl. threading rods
<b>For use in</b>	Masonry covered sizes: anchor rods: M8, M10, M12, M16 sleeves SH: 12x80, 16x85, 16x130, 20x85, 20x130, 20x200
<b>Option / Category</b>	Base materials: - Solid brick masonry (use category b) - Masonry made of perforated/hollow bricks (use category c) - Autoclaved aerated concrete (use category d)  Terms of use for installation and use: d/d, w/d, w/w
<b>Loading</b>	Static and quasi-static
<b>Material</b>	<b>Anchor rod:</b> <u>Zinc-plated steel:</u> dry internal conditions only <u>Stainless steel A2 (material 1.4301 / 1.4303 / 1.4307 / 1.4567 or 1.4541):</u> Only in dry interiors <u>Stainless steel A4 (material 1.4401 / 1.4404 / 1.4571 / 1.4362 or 1.4578):</u> For indoor and outdoor use without particularly aggressive conditions <u>High corrosion resistant steel (material 1.4529 or 1.4565):</u> For indoor and outdoor use, even under particularly aggressive conditions  <b>Sleeve:</b> Plastic
<b>Temperature range if applicable</b>	I: -40°C to +40°C (max. long-term temp. +24°C, max. short-term temp. +40°C) II: -40°C to +80°C (max. long-term temp +50°C, max. short-term temp +80°C)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**CELO Befestigungssysteme GmbH**  
**Industriestrasse 6**  
**86551 Aichach, Germany**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): --
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 1**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: --

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Technical and Test Institute for Construction, Prag**

issued:

**ETA-20/0065 of 28 January 2020**

on the basis of

**EAD 330076-00-0604**

The notified body **1343** performed under **system 1**:

- **Initial inspection of the factory and factory production control,**
- **continuous monitoring, assessment and approval of factory production control.**

9. Declared performance:

Essential Characteristics	Design Method	Performance	Harmonized Technical Specification
Characteristic tension shear resistance and bending moment of threaded rod	TR 054	ETA-20/0065, Annex C 2	<b>EAD 330076-00-0604</b>
Characteristic resistance masonry	TR 054	ETA-20/0065, Annex C 6 – C 40	
Displacement under shear load and tensile load	TR 054	ETA-20/0065, Annex C 5 – C 39	
Edge distance and spacing	TR 054	ETA-20/0065, Annex C 5 – C 39	
Reduction factor for construction site tests ( $\beta$ factor)	TR 054	ETA-20/0065, Annex C 1	
Fire resistance	DIN 4102	Class A1	

Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: --

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Achim Ruppertz**

Marketing and Technical Manager



**Aichach, 06.03.2020**