

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

**DoPNo. 17/0720(1708) - en**

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

**ETA-17/0720, 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, solid bricks and hollow bricks covered sizes: threaded rods: M8, M10, M12, M16 sleeves SH: 12x80, 16x85, 16x130, 20x85, 20x130, 20x200
<b>Option / Category</b>	d/d, d/w, w/w
<b>Loading</b>	Static and quasi-static
<b>Material</b>	Anchor rod: <u>Zinc-plated steel:</u> dry internal conditions only <u>Stainless steel - 1.4401 / 1.4404 / 1.4571:</u> internal and external use without particular aggressive conditions <u>Hot dip galvanized steel:</u> dry internal conditions only <u>High corrosion resistant steel (HCR):</u> internal and external use with particular aggressive conditions  Sleeve: polypropylene
<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, Prague**

issued:  
**ETA-17/0720**

on the basis of  
**ETAG 029**

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

- **initial type testing of the product,**
- **initial inspection of factory and of factory production control,**
- **continuous surveillance, assessment and approval of factory production control.**

9. Declared performance:

Wesentliche Merkmale	Bemessungs- methode	Leistung	Harmonisierte technische Spezifikation
Reduction factor for job site tests ( $\beta$ – factor)	<b>ETAG 029</b>	ETA-17/0720, Annex C 1	<b>ETAG 029, April 2013, used as European Assessment Document (EAD)</b>
Characteristic resistance for tension and shear loads	<b>ETAG 029</b>	ETA-17/0720, Annex C 5 – C 39	
Characteristic resistance for bending moments	<b>ETAG 029</b>	ETA-17/0720, Annex C 2	
Displacement under shear and tension loads	<b>ETAG 029</b>	ETA-17/0720, Annex C 5 – C 38	
Edge distances and spacing	<b>ETAG 029</b>	ETA-17/0720, Annex C 4 – C 38	
Reaction to fire	<b>DIN 4102</b>	<b>Class A1</b>	

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, 28.08.2017**