

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

DoPNo. 15/0320(1705) - en

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

ETA-15/0320, 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:

| | |
|--|---|
| Generic type | Injection system incl. threading rods |
| For use in | Masonry covered sizes: anchor rods: M8, M10, M12, M16 sleeves SH: 12x80, 16x85, 16x130, 20x85, 20x130, 20x200 |
| Option / Category | d/d, d/w, w/w |
| Loading | Static and quasi-static |
| Material | 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) – 1.4529 / 1.4565:</u> internal and external use with particular aggressive conditions Sleeve: polypropylene |
| Temperature range if applicable | 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) III: -40°C to +120°C (max. long term temp. +72°C, max. short term temp. +120°C) |

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

Apolo MEA Befestigungssysteme GmbH
Industriestrasse 6
D – 86551 Aichach

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:
Deutsches Institut für Bautechnik (DIBt), Berlin

issued:

ETA-15/0320 of 5 May 2017

on the basis of

ETAG 029 used as EAD

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:

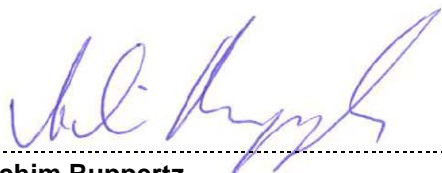
| Essential Characteristics | Design Method | Performance | Harmonized Technical Specification |
|--|---------------|-------------------------------|---|
| Characteristic resistance for steel elements | ETAG 029 | ETA-15/0320, Annex C 2 | ETAG 029, April 2013, used as European Assessment Document (EAD) 305/2011 |
| Characteristic resistance for anchors in masonry units | ETAG 029 | ETA-15/0320, Annex C 3 – C 45 | |
| Displacements under shear and tension loads | ETAG 029 | ETA-15/0320, Annex C 4 – C 45 | |
| Reduction Factor for job site tests (β -Factor) | ETAG 029 | ETA-15/0320, Annex C 1 | |
| Edge distances and spacing | ETAG 029 | ETA-15/0320, Annex C 3 – C 45 | |
| Group factor for group fastenings | ETAG 029 | ETA-15/0320, Annex C 4 – C 45 | |
| Reaction to fire | 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, 25.05.2017

