

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

DoPNo. 10/0134 - en

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

ETA-10/0134, annex 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 and reinforcing bars |
| For use in | Cracked and non-cracked concrete C20/25 – C50/60 (EN206) covered sizes: threaded rod: M8, M10, M12, M16, M20, M24, M27, M30 reinforcing bar: Ø8, Ø10, Ø12, Ø14, Ø16, Ø20, Ø25, Ø28, Ø32 |
| Option / Category | 1 |
| Loading | Static and quasi-static, Fire |
| Material | <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>Highly corrosion resistant steel - 1.4529, 1.4565:</u> Internal and external use with particular aggressive conditions covered sizes: - threaded rod: M8, M10, M12, M16, M20, M24, M27, M30 - Reinforcing bar Class B and C as EN 1992-1-1 Annex C: Ø8, Ø10, Ø12, Ø14, Ø16, Ø20, Ø25, Ø28, Ø32 |
| 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-10/0134

on the basis of
ETAG 001-1&5, Option 1

The notified body **0756** 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.**

and issued:

Certificate of conformity 0756 – CPD – 0312.

9. Declared performance:

| Essential Characteristics | Design Method | Performance | Harmonized Technical Specification |
|---|---------------------------------|--|---|
| Characteristic resistance for tension | TR 029 and CEN/TS 1992-4 | ETA-10/0134, annex 9, 10, 12, 13, 15, 16, 18 and 19 | ETAG 001-1&5 |
| Characteristic resistance for shear | TR 029 and CEN/TS 1992-4 | ETA-10/0134, annex 11, 14, 17 and 20 | |
| Minimum spacing and minimum edge distance | TR 029 and CEN/TS 1992-4 | ETA-10/0134, annex 5 | |
| Displacement for serviceability limit state | TR 029 and CEN/TS 1992-4 | ETA-10/0134, annex 21 and 22 | |

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, 10.10.2013

