



DECLARATION OF PERFORMANCE

DoP No. 0679-CPD-0005 - GB

(Version 1)

1. Unique identification code of the product-type: **ELEMATIC ETD Z**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
ETA-02/0045 (10/04/2012), Annex 1 -
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	Torque controlled expansion anchor (wedge type)
For use in	Cracked concrete : M8,M10,M12,M16 Concrete C20/25 to C50/60
Option / Category	1
Loading	Static and quasi static Fire (TR020)
Material	<u>Zinc plated steel</u> for dry internal conditions only
Temperature range if applicable	/

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
ITW CONSTRUCTION PRODUCTS ITALY SRL Viale Regione Veneto, 5 -35127 Padova - Italia
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:

CSTB - Centre Scientifique et Technique du Bâtiment (France)

issued **ETA-02/0045 (10/04/2012)**

on the basis of **ETAG-001-2**,

The notified body **0679-CPR** performed under **System 1**

- i. Determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product;
- ii. Initial inspection of the manufacturing plant and of factory production control;
- iii. Continuous surveillance, assessment and evaluation of factory production control under system1

9. Declared performance:

Essential Characteristics	Design Method	Performance	Harmonized Technical Specification
characteristic resistance for tension	Annex C TR 020	ETA-02/0045 Annex 4 ETA-02/0045 Annex 6	ETAG 001-1,2
characteristic resistance for shear	Annex C TR 020	ETA-02/0045 Annex 5 ETA-02/0045 Annex 7	
minimum spacing and minimum edge distance	Annex C TR 020	ETA-02/0045 Annex 3 ETA-02/0045 Annex 6	
displacement for serviceability limit state	Annex C TR 020	ETA-02/0045 Annex 4 & 5 NPD	

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:

Padova, 01/07/2013

ANDREA SANTINI
General Manager

