

DECLARATION OF PERFORMANCE N. CPR-IT1/0409

1) Unique identification code of the product-type: **MAPEFIX VE SF**

2) Intended uses:

Generic type	Post-installed connections (injection mortar and bars Ø8 to Ø32mm or tension anchor ZA M12 to M24) for use in existing concrete
For use in	Concrete C12/15 to C50/60 acc. to EN 206-1:2000
Anchorage subject to	Static, quasi-static loads Fire exposure
Material	For Reinforcing bar (rebar) Ø8 to Ø32mm: Annex A4 of ETA 11/0448 For Tension Anchor ZA: M12-M24: Annex A5 of ETA 11/0448
Use category	<ul style="list-style-type: none"> Installation in dry, wet concrete, non-carbonated concrete with maximum chloride concrete of 0,40% (CL 0.40) Hole drilling by hammer (HD), hollow (HDB) or compressed air drilled mode (CD)
Installation parameters	Annex B4- B9 of ETA 11/0448
Temperature range	-40°C to +80°C (max. short term temperature +80°C, max. long term temperature +50°C)

3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - www.mapei.it**

4) Systems of AVCP: **System 1**

5) European Assessment Document: **EAD 330087-00-0601, released on May 2018**

European Technical Assessment: **ETA 11/0448 issued on 04/12/2017**

Technical Assessment Body: **DIBt (Deutsches Institut für Bautechnik)**

Notified bodies: **Technische Universität Darmstadt Staatliche Materialprüfungsanstalt Darmstadt, N. 1343, assessed the performance of the product on the basis of testing (including sampling), performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance.**

6) Performances declared:

Essential characteristics	Performances
Amplification factor α_{lb}, Bond resistance f_{bd}	ETA 11/0448, Annex C1
Resistance to fire:	ETA 11/0448, Annex C2, C3
Reaction to fire:	Class A1
Dangerous substances:	NPD

- 7) Reaction to fire declared according to EAD 330087-00-0601- Tab. 2.1, paragraph 2
- 8) REACH information: the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) no. 1907/2006 and following amendments are indicated in the safety data sheet that MAPEI makes available on the website along with this current Declaration of Performance

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Paolo Murelli – Corporate Quality Management**

Milan, 07/12/2018

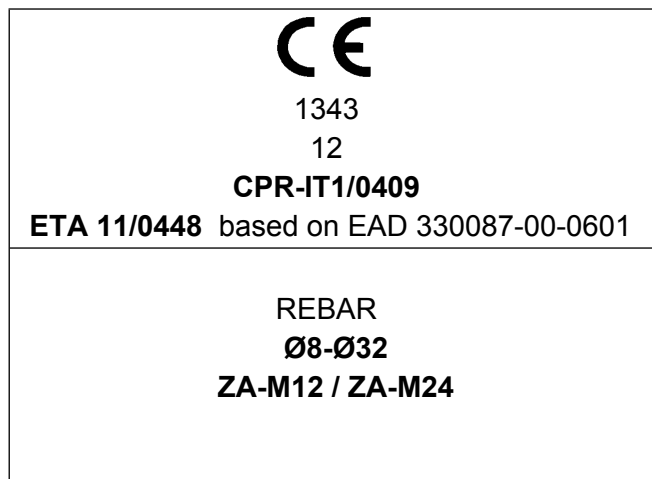


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DoP in Pdf format are available in the Mapei website.

<i>Revision 1 notes:</i>	<i>Updating according to revised ETA</i>
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CE “reminder” printed on the cartridge



Note:

MAPEI supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- graphic adaptations due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be shared by several countries),
- the product is already in stock when the updating of the CE marking is implemented,
- printing mistakes.