

SOUDAFIX VE400-SF

Revision: 27/06/2013

In Accordance with the CPR, Regulation (EU)N°305/2011

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Reference No: **0756-CPD-0322**

Unique identification code of the product-type:

SOUDAFIX VE400-SF

Intended use or uses of the construction product:

Generic type	Bonded injection type anchor
For use in	Non-cracked and cracked concrete C20/25 to C50/60 ac. to EN 206:2000-12 M8 to M30 or rebar d8 to d32
	Post-installed rebar Non-cracked and cracked concrete C20/25 to C50/60 acc. to EN 206:2000-12
Option / Category	ETAG 001-05
Loading	Static, quasi-static, seismic C1
	Static, quasi-static
Material	<u>galvanized steel:</u> dry internal conditions only
	<u>stainless steel A4:</u> dry internal conditions and also in structures subject to external atmospheric exposure or exposure to permanently damp internal conditions
	<u>high corrosion resistance steel (HCR)</u> internal and external use with particular aggressive conditions
	<u>reinforcing bar</u> Class B and C as EN 1992-1-1 Annex C
	<u>reinforcing bar</u> Class B and C as EN 1992-1-1 Annex C
Use category	Installation in dry, wet concrete (all sizes) or flooded holes (only M8 to M16 and rebar d8 to d16) Overhead installation Application in non-cracked concrete: M8 to M30, Rebar d8 to d32 Application in cracked concrete and seismic C1: M12 to M30, Rebar d12 to d32
	Installation in dry and wet concrete Installation in non-carbonated concrete with CL 0,40 Overlap joint with existing reinforcement in a building Anchoring of reinforcement at a slab or beam support Anchoring of reinforcement of building components stressed primarily in compression Anchoring of reinforcement to cover the envelope line of tensile force in the bending member
Temperature range	-40°C to +40°C (max long term temperature +24°C, max short term temperature +40°C) -40°C to +80°C (max. long term temperature +50°C, max short term temperature +80°C) -40°C to 120°C (max. long term temperature +72°C, max short term temperature +120°C)

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Name and contact address of the manufacturer as required pursuant to Article 11(5)

Soudal NV,
Everdongenlaan 18-20,
2300 Turnhout,
Belgium

System of assessment and verification of constancy of performance of the construction product

System 1The Technical Assessment Body: **Deutsches Institut für Bautechnik (DIBt)**, issued

ETA-10/0167
ETA-12/0558

on the basis of

ETAG – 001 part 1-5The notified body **University of Darmstadt (NB0756)** performed

- (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 of factory production control;**
- (iii) **continuous surveillance, assessment and evaluation of factory production control.**

under system **1** and issued **0756-CPD-0322**.

Declared performance:

Essential Characteristics	Performance	Harmonized Technical Specification
characteristic resistance for tension	ETA-10/0167, annex 9,11,12	ETAG 001 part 1-5
characteristic resistance for shear	ETA-10/0167, annex 10,11, 13	
installation parameter	ETA-10/0167, annex 5	
displacement for serviceability limit state	ETA-10/0167, annex 11	
design values of the ultimate bond resistance	ETA-12/0558, annex 5	ETAG 001 part 1-5

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minimum anchorage length and lap splice length	ETA-12/0558, annex 5	
minimum concrete cover	ETA-12/0558, annex 5	

The performance of this product is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for on behalf of the manufacturer by:

Turnhout, 27/06/2013

Ing. W. Dierckx

Technical Product Manager

