

Vorpa trade name:

Bonded anchor VSF+

• Unique identification of the product:	Bonded anchor VSF+
• Intended use/es:	Bonded fastener for post-installed rebar Annex: B1 – B8
• Manufacturer:	Vorpa s.r.l. Via San Leo, 5 47838 Riccione (RN), IT
• AVCP System:	1
• European Assesment Document:	EAD 33087-01-0601
• European Technical Assesment:	ETA 23/0227 issued on 09-03-2023
• Technical Assesment Body:	Technical and Test Institute for Construction Prague – TZUS
• Notified Body:	IFSW – TU Darmstadt – NB 2873

Mechanical resistance and stability (BWR 1)

Essential Characteristics	Design	Performance
Characteristic resistance (static and quasi-static load)		
For working life 50 years	EN 1992-1-1:2004 + AC2010	Annex: C1
For working life 100 years		NPA
To steel failure of tension anchor		NPA
Characteristic resistance under seismic performance		
For working life 50 years	EN 1992-1-1:2004 + AC2010	NPA
For working life 100 years		NPA

Safety in case of fire (BWR 2)

Essential Characteristics	Design	Performance
Reaction to fire	-	Fastener safety requirements for Class A1
Resistance to fire		NPA

Hygiene, health and the environment (BWR 3)

Essential Characteristics	Performance
Content, emission and/or release of dangerous substances	NPA

The performances of the product identified by the above identification code are in conformity with the declared performance. This declaration of performance is issued on the basis of the European regulation (EU) N. 305/2011, under the sole responsibility of indicated Manufacturer.
For further specifications see product ETA.

The above performance apply for the following article numbers:

Code	Type	Capacity
1320	VSF+	300 ml
1321	VSF+	345 ml
1322	VSF+	400 ml

Signed for and in behalf of the manufacturer by:

Roberto Vorabbi
Managing Director
15.03.23