


## Declaration of Performance

### CHEFIX - VE-PLUS / Styrene-free Vinylester (Bonded anchor) for use in concrete



1. Unique identification code of the product type:		
Styrene-free vinylester fast curing chemical anchor VE-SF		
2. Generic type: The Injection system <b>Styrene-free vinylester</b> is a bonded anchor (injection type) consisting of a mortar cartridge with injection mortar <b>Styrene-free vinylester</b>		
3. Intended use	Construction product in accord to EAD 330499-01-0601, “Bonded fasteners for use in concrete” For fixing and/or supporting to concrete, structural elements (which contributes to the stability of the works) or heavy units	
4. Trade name: Manufacturer and Address:	Styrene-free vinylester DAMESA, C/Garraf 10-12 Poligono Industrial Pla de la Bruguera, E-08211 Castellar del Vallès, Spain	
5. Authorized representative	N/A	
6. System/s of AVCP:	System 1	
7. Product covered by harmonised standard	No	
8. Product is covered by a European Technical Assessment - Documents and bodies		
ETA - 22/0760 issued by	Technical Assessment Bod: ETA-Danmark A/S, Goteborg Plads 1, DK-21590, Nordhavn, Denmark	
On the basis of	EAD 330499-01-0601	
	ZAG Slovenia, identification number 1404	
System AVCP	System 1	
9. Declaration of performances:		
Essential characteristics	Performance	Harmonised technical specification
Characteristic values for steel tension and steel shear resistance of threaded rods	See annex C1 of the ETA-22/0760	N/A
Characteristic resistance under tension loads for threaded rods Acc. EN 1992-4	See annex C2 of the ETA-22/0760	N/A
Displacement for threaded rods	See annex C3 of the ETA-22/0760	N/A
Characteristic resistance under tension loads for rebars Acc. EN 1992-4	See annex C4 of the ETA-22/0760	N/A
Characteristic resistance under shear loads for rebars Acc. EN 1992-4	See annex C5 of the ETA-22/0760	N/A
Reaction to fire	Anchorage satisfy requirements for Class A1	N/A
Resistance to fire	No performance determined (NPD)	N/A

**10.** The performances of the product identified by the above identification code are in conformity with the declared performance.  
This declaration of performance is issued under the sole responsibility of Damesa.  
Signed for and behalf of the manufacturer by:

Name and functions	Place and date of issue	Signature
G. Oms	Castellar del Vallès 01/01/2024	

## Declaration of Performance

### CHEFIX - VE-PLUS / Styrene-free Vinylester (Bonded anchor) for post-installed rebar CE

<b>1. Unique identification code of the product type:</b>	
Styrene-free vinylester for post-installed rebar connections	
<b>2. Intended use or uses of the construction product according to EAD 330087-00-0601</b>	
Generic type	Bonded anchor for post-installed rebar connections designed according EN 1992-1-1 (Eurocode 2).
Base material	- Reinforced or unreinforced normal weight concrete according to EN 206-1:2000. - Strength classes C12/15 to C50/60 according to EN 206-1:2000. - Maximum chloride concrete of 0,40% (CL 0.40) related to the cement content according to EN 206-1:2000. - Non-carbonated concrete.
Material	According EN 1992-1-1 annex C, tables C, tables C.1 and C.2N, bars and de-coiled rods B and C
Durability	50 years
Anchorage subject to	Static or quasi-static Fire exposure
Service temperature range	-40°C to +40°C (max. short term temperature +23°C and max. long term temperature +40°C).
Use category	Dry and wet concrete.
<b>3. Declared performances:</b>	
Design values of ultimate bond resistance	See annex C1
Design under fire exposure (Resistance to fire)	See annex C2
Fire Reaction	A1
<b>4. System/s of AVCP:</b>	
System 1	
<b>5. Documents and bodies:</b>	
ETA - 22/0757 issued by	ETA Denmark
On the basis of	EAD 330087-00-0601
	ZAG Slovenia

The performances of the product identified by the above identification code are in conformity with the declared performance.  
This declaration of performance is issued under the sole responsibility of Damesa.  
Signed for and behalf of the manufacturer by:

Name and functions	Place and date of issue	Signature
G. Oms	Castellar del Vallès 01/01/2024	