

1. **Unique identification code of the product type:** Screw anchor TH/TF

2. **Intended uses:**

Metal anchor for use in concrete according to EN 1992-4:

- Cracked and Non-cracked concrete
- Static and quasi static loads
- Requirements related to seismic loads
- Requirements related to loads under fire exposure

3. **Manufacturer:**

Técnicas Expansivas S.L C/Segador, 13. C.P:26006 Logroño (La Rioja, ESPAÑA)

4. **System of Assessment and Verification of Constancy of Performance (AVCP):** System 1

5. **European Assessment Document:**

Technical Assessment Body:	1219. IETcc – Instituto de ciencias de la construcción Eduardo Torroja
Issued:	ETA 20/0046 (02/08/2021)
On the basis of:	EAD 330232-00-0601
performed:	Determination of product type, initial inspection and surveillance under system 1
and issued:	AVCP 1219-CPR-0254

6. **Declared performances:**

Mechanical resistance and stability (BWR 1)

Essential Characteristics	Performances
Characteristic resistance for static and quasi static loads	See ETA, annexes C3 and C4
Displacements under tension and shear loads	See ETA, annexes C5
Characteristic resistance under seismic loads	See ETA, annexes C6 and C7

Safety in case of fire (BWR 2)

Essential Characteristics	Performances
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	See ETA annexes C7 and C8

The performance of the product previously identified is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above in section 3.

Signed for and on behalf of the manufacturer by:



Santiago Reig, technical manager

Logroño, 10/09/21

1. **Unique identification code of the product type:** Screw anchor TH/TF

2. **Intended uses:**

Fasteners for use in concrete for redundant non-structural systems according to EN 1992-4:

- Cracked and Non-cracked concrete
- Static and quasi static loads
- Requirements related to loads under fire exposure

3. **Manufacturer:**

Técnicas Expansivas S.L C/Segador, 13. C.P.:26006 Logroño (La Rioja, ESPAÑA)

4. **System of Assessment and Verification of Constancy of Performance (AVCP):** System 2+

5. **European Assessment Document:**

Technical Assessment Body: 1219. IETcc – Instituto de ciencias de la construcción Eduardo Torroja
 Issued: ETA 20/0494 (21/12/2020)
 On the basis of: EAD 330747-00-0601
 performed: Determination of product type, initial inspection and surveillance under system 2+
 and issued: AVCP 1219-CPR-0261

6. **Declared performances:**

Safety in case of fire (BWR 2)

Essential Characteristics	Performances
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	See ETA annexes C5

Mechanical resistance and stability (BWR 4)

Essential Characteristics	Performances
Characteristic resistance for static and quasi static loads	See ETA, annexes C3 and C4

The performance of the product previously identified is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above in section 3.

Signed for and on behalf of the manufacturer by:



Santiago Reig, technical manager

Logroño, 10/09/21