

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

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:**

European Assessment Document:	EAD 330232-01-0601, edition December 2019
European Technical Assessment:	ETA 20/0046 (16/03/2023)
Technical Assessment Body:	Instituto de ciencias de la construcción Eduardo Torroja
Notified Body:	1219. Instituto de ciencias de la construcción Eduardo Torroja

6. **Declared performances:**

Mechanical resistance and stability (BWR 1)

Essential Characteristics	Performances
Characteristic resistance for static and quasi static loads	See ETA, annexes C4, C5, C6 and C7
Displacements under tension and shear loads	See ETA, annexes C8 and C9
Characteristic resistance under seismic loads	See ETA, annexes C10, C11 and C12

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 C13, C14 and C15

The performance of the product identified above 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.

Signed for and on behalf of the manufacturer by:



Santiago Reig, technical manager

Logroño, 03/08/2023

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, Non-cracked concrete and precast prestressed hollow core
- 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:**

European Assessment Document:	EAD 330747-00-0601, edition May 2019
European Technical Assessment:	ETA 20/0494 (21/12/2020)
Technical Assessment Body:	Instituto de ciencias de la construcción Eduardo Torroja
Notified Body:	1219. Instituto de ciencias de la construcción Eduardo Torroja

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 identified above 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.

Signed for and on behalf of the manufacturer by:



Santiago Reig, technical manager

Logroño, 03/08/2023