# DECLARATION OF PERFORMANCE

Number THU-DP13/62

## 1. Product identification: TC 45x18.5 - C/18.5/45/18.5 (AE/NF)

The profile is identified by code TCN 4518 followed by two digits that represent the length of the profile. The batch numbers are stamped on the base of the product (6-digit number) along with the date and time of manufacture.

## 2. Manufacturer's Name and Address

**THU Perfil S.L.U.**
Calle Masia de Monte Alcedo, Parcela 4.3 Pol.
Ind. Masia Baló
46394 Ribarroja del Turia (Valencia) Spain

## 3. Intended use

TC 45x18 profile installed as a substructure component for horizontal partitions made of plasterboard or similar materials.

## 4. System for assessment and verification of constancy of performance

Evaluation system 4.

## 5. Declared performance(s)

| Key Characteristics | Performance Features | Harmonised Technical Specifications |
|---|---|---|
| Reaction to Fire | A1 | UNE-EN 14195:2005 |
| Yield strength | ≥ 140 N/mm$^2$ | UNE-EN 14195:2005 |
| Web width (mm) | 45.00 ± 0.50 mm | UNE-EN 14195:2005 |
| Flange width | 18.50 ± 0.50 mm | UNE-EN 14195:2005 |
| Tab width (mm) | 6.50 ± 1.00 | UNE-EN 14195:2005 |
| Thickness | 0.60 ± 0.04 | UNE-EN 10143:2007 |
| Protection rating | Z-140 | UNE-EN 10346:2015 |

- The performance of the product identified in point 1 is in conformity with the performance declared in point 5.
- This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 2.

- Signed for and on behalf of the manufacturer by:
- **Signature:**

Gabriel García Izquierdo

Managing Director



**Place and Date of Issue:** Ribarroja del Turia, 1 June 2025 THU Perfil S.L.U. Version 02



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